

**TDMS No.** 20311 - 01  
**Test Type:** CHRONIC  
**Route:** IN-UTERO  
**Species/Strain:** MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number:** AIDSTHERAPEU

**Date Report Requested:** 06/29/2009  
**Time Report Requested:** 16:30:06  
**First Dose M/F:** 07/10/03 / NA  
**Lab:** NCTR

**C Number:** C20311  
**Lock Date:** 12/01/2008  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Male  
**TDMSE Version:** 2.1.0

















TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	5	5	6	6	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	2	5	6	6	0	9	0	2	1	2	3	3	3	3	3	3	3	3	3	3	3	2	3	3
	3	0	2	4	4	4	8	6	3	7	7	2	2	2	2	3	3	2	3	3	3	3	8	4	4
<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5
<b>AZT-H to 0</b>	4	5	7	8	1	5	7	8	1	1	2	5	6	6	6	1	1	1	1	1	2	2	1	3	3
	2	3	0	5	2	9	6	7	5	8	4	9	0	1	2	5	6	7	8	9	0	1	2	2	3
Urinary Bladder						A																	A		
Infiltration Cellular, Lymphocyte																									
Lumen, Dilatation																									
									4																

males  
(cont...)

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 9

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
	4	4	7	7	7	2	9	9	9	3	9	9	0	0	0	5	4	4	4	5	4	5	5
<b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	5	5	5	5	5	6	7	7	7	7	7	8	8	8	0	0	0	0	0	0	1	1	1
	3	3	8	9	4	3	3	3	6	9	9	5	5	5	0	0	1	1	5	5	0	0	0
<b>AZT-H to 0</b>	4	5	9	0	1	7	1	2	3	0	4	5	0	1	2	8	9	0	1	8	9	2	3
	<b>* TOTALS</b>																						

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>47</b>	
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>45</b>	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>45</b>	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>45</b>	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>45</b>	
Intestine Small, Duodenum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>45</b>	<b>1 3.0</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>45</b>	
Intestine Small, Jejunum Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>45</b>	<b>1 2.0</b>
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>46</b>	
Basophilic Focus										X						X	X							<b>4</b>	
Eosinophilic Focus																								<b>1</b>	
Hematopoietic Cell Proliferation																						2		<b>1 2.0</b>	
Infiltration Cellular, Lymphocyte														1										<b>1 1.0</b>	
Inflammation, Chronic Active																						1		<b>1 1.0</b>	
Necrosis	4															4								<b>4 3.8</b>	

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

DAY ON TEST	0 0																				* TOTALS
	7 7																				
ANIMAL ID	3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4																				
	4 4 7 7 7 2 9 9 9 3 9 9 0 0 0 5 4 4 4 5 4 5 5																				
<b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>	0 0																				
<b>AZT-H to 0</b>	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1																				
	5 5 5 5 5 6 7 7 7 7 7 8 8 8 0 0 0 0 0 0 0 1																				
	3 3 8 9 9 4 3 3 3 6 9 9 5 5 5 0 1 1 1 5 5 0 0																				
	4 5 9 0 1 7 1 2 3 0 4 5 0 1 2 8 9 0 1 8 9 2 3																				
Tension Lipidosis	2																				10
Vacuolization Cytoplasmic	1 1 1 2																				1.5
Mesentery	+																				3
Fat, Necrosis	4																				1.0
Pancreas	+																				46
Infiltration Cellular, Lymphocyte	1																				4
Acinus, Degeneration	1																				1.0
Salivary Glands	+																				46
Infiltration Cellular, Lymphocyte	1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1																				40
Stomach, Forestomach	+																				46
Epithelium, Hyperplasia	2																				1.0
Stomach, Glandular	+																				45

CARDIOVASCULAR SYSTEM

Blood Vessel	+																				47
Heart	+																				47

ENDOCRINE SYSTEM

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked  
Page 11

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	
	4	4	7	7	7	2	9	9	9	3	9	9	0	0	0	5	4	4	4	5	4	5	
<b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
	5	5	5	5	5	6	7	7	7	7	7	7	8	8	8	0	0	0	0	0	0	1	
<b>AZT-H to 0</b>	3	3	8	9	9	4	3	3	3	6	9	9	5	5	5	0	1	1	1	5	5	0	
<b>ANIMAL ID</b>	4	5	9	0	1	7	1	2	3	0	4	5	0	1	2	8	9	0	1	8	9	2	<b>* TOTALS</b>
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>47</b>
Accessory Adrenal Cortical Nodule Hypertrophy														4									<b>1</b>
Subcapsular, Hyperplasia	1	1	1	1	1	2		1	2	1		1	1		1	1	1	1	1	2		2	<b>2 3.0</b>
																							<b>38 1.2</b>
Adrenal Medulla	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	<b>45</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>47</b>
Hyperplasia		1	1																				<b>5 1.2</b>
Parathyroid Gland	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>43</b>
Pituitary Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>45</b>
Pars Distalis, Cyst								1															<b>3 1.0</b>
Pars Distalis, Hyperplasia														2									<b>1 2.0</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>46</b>
Ectopic Thymus					X																		<b>1</b>
Infiltration Cellular, Lymphocyte Follicle, Degeneration	1			1			2											1					<b>1 1.0</b>
																							<b>5 1.2</b>

**GENERAL BODY SYSTEM**

Tissue NOS

1

**GENITAL SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4
	4	4	7	7	7	2	9	9	9	9	3	9	9	0	0	0	5	4	4	4	5	4	5
<b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	5	5	5	5	5	6	7	7	7	7	7	8	8	8	0	0	0	0	0	0	0	1	1
<b>AZT-H to 0</b>	3	3	8	9	9	4	3	3	3	6	9	9	5	5	0	0	1	1	1	5	5	0	0
	4	5	9	0	1	7	1	2	3	0	4	5	0	1	2	8	9	0	1	8	9	2	3
																							<b>* TOTALS</b>
Epididymis	+																						<b>46</b>
Preputial Gland	+																						<b>46</b>
Cyst																							
Degeneration																							
Infiltration Cellular, Lymphocyte																							
Inflammation, Chronic Active																							
Fat, Degeneration																							
Cyst																							<b>2 2.5</b>
Degeneration																							<b>16 2.9</b>
Infiltration Cellular, Lymphocyte																							<b>3 1.3</b>
Inflammation, Chronic Active																							<b>3 2.0</b>
Fat, Degeneration																							<b>1 2.0</b>
Prostate	+																						<b>44</b>
Infiltration Cellular, Lymphocyte																							<b>5 1.0</b>
Seminal Vesicle	+																						<b>46</b>
Atrophy																							<b>1 2.0</b>
Infiltration Cellular, Lymphocyte																							<b>1 1.0</b>
Lumen, Dilatation																							<b>3 2.0</b>
Testes	+																						<b>45</b>
Seminiferous Tubule, Degeneration																							<b>2 2.0</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+																						<b>46</b>
Hyperplasia																							<b>5 2.2</b>
Lymph Node																							<b>1</b>
Axillary, Infiltration Cellular, Histiocyte																							<b>1 4.0</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE		3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
AZT-H to 0		4	4	7	7	7	2	9	9	9	3	9	9	9	0	0	0	5	4	4	4	5
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
		5	5	5	5	6	7	7	7	7	7	8	8	8	0	0	0	0	0	0	1	1
		3	3	8	9	4	3	3	3	6	9	9	5	5	0	0	1	1	5	5	0	0
		4	5	9	0	1	7	1	2	3	0	4	5	0	1	2	8	9	0	1	8	9
		<b>* TOTALS</b>																				

Lymph Node, Mandibular																							<b>43</b>
Hyperplasia, Lymphoid	1					2	1		1		1												<b>6 1.2</b>
Infiltration Cellular, Plasma Cell										1													<b>2 1.0</b>
-----																							
Lymph Node, Mesenteric																							<b>45</b>
Angiectasis																	2	2					<b>4 2.0</b>
Hemorrhage																		2	2				<b>10 2.0</b>
Hyperplasia, Lymphoid	2					2	2	3	2			2	2	1	2	3			3	2	2	3	<b>24 2.1</b>
Infiltration Cellular, Histiocyte											2					2							<b>3 2.0</b>
Polyarteritis																							<b>1 2.0</b>
Sinus, Dilatation																	2			2			<b>5 2.2</b>
-----																							
Spleen																							<b>46</b>
Hematopoietic Cell Proliferation	2										4	4				4			4		2		<b>8 3.5</b>
Hyperplasia, Lymphoid	2							2	3	2		2				3		2		3		4	<b>13 2.5</b>
-----																							
Thymus											M								M				<b>37</b>
Atrophy				2		2	3	2							3							4	<b>13 2.5</b>
Hyperplasia, Lymphoid											2												<b>2 2.0</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	<b>1</b>
-----																							
Skin							M																<b>46</b>
Inflammation, Suppurative																							<b>1 3.0</b>
Mineralization																							<b>1 4.0</b>
Ulcer															4								<b>2 4.0</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 14

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
	4	4	7	7	7	2	9	9	9	3	9	9	0	0	0	5	4	4	4	5	4	5	5
<b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	5	5	5	5	5	6	7	7	7	7	7	8	8	8	0	0	0	0	0	0	1	1	
ANIMAL ID	3	3	8	9	9	4	3	3	3	6	9	9	5	5	5	0	0	1	1	5	5	0	0
<b>AZT-H to 0</b>	4	5	9	0	1	7	1	2	3	0	4	5	0	1	2	8	9	0	1	8	9	2	3
																							<b>* TOTALS</b>

Epithelium, Hyperplasia 1 1 1.0

**MUSCULOSKELETAL SYSTEM**

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>48</b>
Skeletal Muscle																							<b>3</b>	

**NERVOUS SYSTEM**

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>46</b>
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>46</b>
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>46</b>
Mineralization		1	1	1	1	1	1	1	1		1	1	1			1	1			1			<b>26 1.0</b>	

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>47</b>
Congestion																							<b>1 4.0</b>	
Crystals																							<b>3 2.3</b>	
Infiltration Cellular, Histiocyte																							<b>3 2.3</b>	
Alveolar Epithelium, Hyperplasia																							<b>1 2.0</b>	

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	
	4	4	7	7	7	2	9	9	9	3	9	9	0	0	0	5	4	4	4	5	4	5	

---

<b>C57BL/6N XC3H/HEN MTV-NCTR</b> <b>MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	
	5	5	5	5	6	7	7	7	7	7	8	8	8	0	0	0	0	0	0	1	1	1	
	3	3	8	9	4	3	3	3	6	9	9	5	5	0	0	1	1	5	5	0	0	0	
<b>AZT-H to 0</b>	4	5	9	0	1	7	1	2	3	0	4	5	0	1	2	8	9	0	1	8	9	2	<b>* TOTALS</b>

Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Posterior To Upper Incisor, Dysplasia																								1 3.0

---

Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
---------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	--

### SPECIAL SENSES SYSTEM

---

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Cataract																								1 3.0
Bilateral, Cataract																								1 1.0
Cornea, Inflammation, Chronic Active																								2 1.5
Retina, Degeneration																								1 2.0

---

Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Infiltration Cellular, Lymphocyte																								3 1.0

### URINARY SYSTEM

---

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Cyst		2																						1 2.0
Hyaline Droplet																								1 2.0
Infiltration Cellular, Lymphocyte									1		1					1	1							9 1.0
Metaplasia, Osseous						1	1																	3 1.3
Nephropathy	1	1	1	1	1	1	1		1	2		1	1	1	1	1		1		1	2			34 1.2

---

Urethra																							1	
Dilatation																								1 4.0

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically      M .. Missing tissue      1-4 .. Lesion qualified as:  
x .. Lesion present                      A .. Autolysis precludes evaluation      1) Minimal  3) Moderate  
l .. Insufficient tissue                BLANK .. Not examined microscopically      2) Mild    4) Marked













DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
ANIMAL ID	5	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7								
ANIMAL ID	7	9	2	4	0	0	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3								
ANIMAL ID	3	3	4	2	3	8	3	9	2	2	2	2	2	2	4	4	7	7	6	3	3	9	9	9								
<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
<b>MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
<b>AZT-M to 0</b>	0	0	1	1	2	2	2	3	3	3	4	4	4	4	5	5	5	5	5	6	6	7	7	8								
<b>ANIMAL ID</b>	9	9	5	6	6	6	8	2	6	6	2	2	2	3	3	9	9	9	6	6	9	9	9	5								
	0	6	3	1	1	7	0	2	3	4	2	3	4	6	7	2	3	4	7	8	6	7	8	3								
Lymph Node	+																															
Axillary, Hyperplasia, Lymphoid							+									+																
Lumbar, Hyperplasia, Lymphoid													2																			
Mediastinal, Hyperplasia, Lymphoid													2																			
Renal, Hyperplasia, Lymphoid													2																			
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+								
			2			2		2												1												
Lymph Node, Mesenteric Angiectasis	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								
Hemorrhage								1												2												
Hyperplasia, Lymphoid	2								2	2	2	3												2	3							
Infiltration Cellular, Histiocyte	2	2									3	2	1	3	2						2	2										
Infiltration Cellular, Plasma Cell								2																								
Necrosis																		4														
Sinus, Dilatation						3								3			2															
Spleen Hematopoietic Cell Proliferation	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+								
Hyperplasia, Lymphoid	3	3		4													4	2						2	3							
Thymus Atrophy	M	A	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+								
Hyperplasia, Lymphoid								3		2		4		4		3		2		2		3		2		4						

males  
(cont...)

**INTEGUMENTARY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 Page 22  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	7	9	2	4	0	0	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4
	3	3	4	2	3	8	3	9	2	2	2	2	2	2	4	4	7	7	6	3	3	9	9	0	0
<b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1	1	2	2	2	3	3	3	4	4	4	5	5	5	5	6	6	7	7	7	8	8	
<b>AZT-M to 0</b>	9	9	5	6	6	6	8	2	6	6	2	2	2	3	3	9	9	9	6	6	9	9	5	5	
<b>ANIMAL ID</b>	0	6	3	1	1	7	0	0	3	4	2	3	4	6	7	2	3	4	7	8	6	7	8	3	4

males (cont...)

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin Hemorrhage	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	4																								

**MUSCULOSKELETAL SYSTEM**

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle			+					+											+	+					

**NERVOUS SYSTEM**

Brain, Brain Stem	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Brain, Cerebellum	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Brain, Cerebrum Mineralization	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
			1		1	1	1		1	1	1	1	1					1	1	1	1	1		1	1	1

**RESPIRATORY SYSTEM**

Lung Hemorrhage	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte					4																				
													1												

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	7	9	2	4	0	0	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	
	3	3	4	2	3	8	3	9	2	2	2	2	2	2	4	4	7	7	6	3	3	9	9	0	0

  

C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1	1	2	2	2	3	3	3	4	4	4	4	5	5	5	5	6	6	7	7	7	8
	9	9	5	6	6	8	2	6	6	2	2	2	3	3	9	9	9	6	6	6	9	9	5	5

  

AZT-M to 0	0	6	3	1	1	7	0	0	3	4	2	3	4	6	7	2	3	4	7	8	6	7	8	3	4
------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

males  
(cont...)

Alveolar Epithelium, Hyperplasia

Nose  
 Posterior To Upper Incisor, Dysplasia

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Trachea

+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**SPECIAL SENSES SYSTEM**

Eye

+	A	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Harderian Gland  
 Infiltration Cellular, Lymphocyte

+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**URINARY SYSTEM**

Kidney

+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
Cyst								2											1					
Hyaline Droplet					3																			
Infiltration Cellular, Lymphocyte	1																							
Metaplasia, Osseous									1															
Nephropathy		3		2		2	1	2	1	1	1	1	1	1				1		1		1	1	2
Polyarteritis																								2

Urethra

																								+
Bulbourethral Gland, Hemorrhage																								2
Bulbourethral Gland, Epithelium,																								3

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 24



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	7	9	2	4	0	0	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4
	3	3	4	2	3	8	3	9	2	2	2	2	2	4	4	7	7	6	3	3	9	9	9	0	0
<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>AZT-M to 0</b>	0	0	1	1	2	2	2	3	3	3	4	4	4	5	5	5	5	6	6	7	7	7	8	8	
ANIMAL ID	9	9	5	6	6	6	8	2	6	6	2	2	3	3	9	9	9	6	6	9	9	9	5	5	
	0	6	3	1	1	7	0	0	3	4	2	3	4	6	7	2	3	4	7	8	6	7	8	3	4
Hyperplasia																									
Urinary Bladder	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte			2										1		1										
Lumen, Dilatation	3								4																3

males  
(cont...)

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 25

DAY ON TEST	0 0																							
	7 7																							
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE ANIMAL ID	4 4																							
	0 0 0 1 1 1 3 2 2 3 3 3 6 5 5 5 6 6 6 6 6 6 6 6																							
AZT-M to 0	0 0																							
	0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1																							
	8 8 9 9 9 9 9 9 9 9 0 0 0 0 0 0 0 1 1 1 1 1 1 1																							
	5 5 0 0 0 0 5 5 6 1 1 1 6 6 6 6 0 0 4 4 4 4 4 4																							
5 6 5 6 7 8 8 9 0 2 3 4 0 1 2 3 4 5 6 2 3 4 4 5																								
																							<b>* TOTALS</b>	

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>47</b>
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>44</b>
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>45</b> <b>1 2.0</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>46</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>45</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>45</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>45</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>44</b>
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>47</b>
Basophilic Focus					X								X													<b>6</b>
Fatty Change												3														<b>1 3.0</b>
Infiltration Cellular, Lymphocyte																		1								<b>3 1.0</b>
Inflammation, Chronic																										<b>1 3.0</b>
Necrosis																								3		<b>2 3.5</b>
Tension Lipidosis						1		1	1				2	2					1	1				1		<b>11 1.3</b>
Vacuolization Cytoplasmic																	1									<b>1 1.0</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 l .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 26

DAY ON TEST	0																						* TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0
0	0	0	1	1	1	3	2	2	3	3	3	6	5	5	5	6	6	6	6	6	6	6	6	0
<b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	8	8	9	9	9	9	9	9	9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	5	5	0	0	0	0	5	5	6	1	1	1	6	6	6	6	6	0	0	0	4	4	4	4
	5	6	5	6	7	8	8	9	0	2	3	4	0	1	2	3	4	5	6	2	3	4	4	5
<b>AZT-M to 0</b>																							<b>* TOTALS</b>	

Mesentery																							1	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Infiltration Cellular, Lymphocyte																						1	2	1.0
Acinus, Degeneration	1																			1	5	1.0		
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Infiltration Cellular, Lymphocyte	2	2	2	2	2	1	2	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	38
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hyperkeratosis																							1	2.0
Inflammation, Chronic Active																							1	1.0
Epithelium, Hyperplasia																							1	3.0
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Degeneration																							1	1.0

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiomyopathy																							1	3.0
Inflammation, Chronic Active																							1	1.0

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	0	0	0	1	1	1	3	2	2	3	3	3	6	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	8	8	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>AZT-M to 0</b>	5	5	0	0	0	0	5	5	6	1	1	1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	5	6	5	6	7	8	8	9	0	2	3	4	0	1	2	3	4	5	6	2	3	4	5	6	2	3	4	5	6	2	3	4	5	6	2	3	4	5	6	
																													<b>* TOTALS</b>											

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Subcapsular, Hyperplasia	2	1	2	2	1		1	2	2	1	1	2		2	1			1	2	1	2		1	2	1	2		1	2	1	2		1						33	1.4	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hyperplasia						2																																		6	2.0
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41	
Cyst																																								1	1.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Pars Distalis, Cyst						2																																		3	1.7
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Follicle, Cyst																																								1	3.0
Follicle, Degeneration															2		2	1																					6	1.5	

**GENERAL BODY SYSTEM**

Tissue NOS																													2
------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

**GENITAL SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 28

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

DAY ON TEST	0 0																						* TOTALS	
	7 7																							
ANIMAL ID	4 4																							
	0 0 0 1 1 1 3 2 2 3 3 3 6 5 5 5 6 6 6 6 6 6																							
<b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	
<b>AZT-M to 0</b>	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	43	
	8	8	9	9	9	9	9	9	9	0	0	0	0	0	0	0	1	1	1	1	1	1	46	
	5	5	0	0	0	0	5	5	6	1	1	1	6	6	6	6	0	0	0	4	4	4	45	
	5	6	5	6	7	8	8	9	0	2	3	4	0	1	2	3	4	5	6	2	3	4	5	

Coagulating Gland Lumen, Dilatation					+																		1	1	3.0
Epididymis Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	3	1.7
Preputial Gland Cyst	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	44	10	2.1	
Degeneration		2			2			2											2				19	2.7	
Infiltration Cellular, Lymphocyte		2	2	3		4						3			3								7	2.1	
Inflammation, Chronic Active Duct, Dilatation		2				4						2	2	2									1	3.0	
Prostate Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	43	8	1.1	
Seminal Vesicle Lumen, Dilatation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	3	2.0	
Testes Seminiferous Tubule, Degeneration	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	6	1.5	

HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	3	2.0
-------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	---	-----

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	0	0	0	1	1	1	3	2	2	3	3	3	6	5	5	5	6	6	6	6	6	6	
<b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8	8	9	9	9	9	9	9	9	0	0	0	0	0	0	0	1	1	1	1	1	1	
<b>AZT-M to 0</b>	5	5	0	0	0	0	5	5	6	1	1	1	6	6	6	6	0	0	4	4	4	4	
	5	6	5	6	7	8	8	9	0	2	3	4	0	1	2	3	4	5	6	2	3	4	5
																							<b>* TOTALS</b>

Lymph Node																									<b>7</b>	
Axillary, Hyperplasia, Lymphoid																									<b>1 2.0</b>	
Lumbar, Hyperplasia, Lymphoid																									<b>1 2.0</b>	
Mediastinal, Hyperplasia, Lymphoid																									<b>1 2.0</b>	
Renal, Hyperplasia, Lymphoid																									<b>1 2.0</b>	
Lymph Node, Mandibular Hyperplasia, Lymphoid	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>45</b>	
	2			1						1	1														<b>9 1.6</b>	
Lymph Node, Mesenteric	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>46</b>	
Angiectasis	2			2									2								2				<b>6 1.8</b>	
Hemorrhage			1				2				1		2	2			1				3	2	2		<b>18 1.9</b>	
Hyperplasia, Lymphoid	2	1	2	2	3	2	2	2	2			2			2	1	2	3					2	3	2	<b>28 2.0</b>
Infiltration Cellular, Histiocyte													2								2				2	<b>4 2.3</b>
Infiltration Cellular, Plasma Cell																										<b>1 2.0</b>
Necrosis																										<b>1 4.0</b>
Sinus, Dilatation																					2	2				<b>5 2.4</b>
Spleen	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>45</b>	
Hematopoietic Cell Proliferation																										<b>6 3.3</b>
Hyperplasia, Lymphoid	3	2		2					3				3			2	4		2	4		2	1			<b>16 2.5</b>
Thymus	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>+</b>	<b>39</b>	
Atrophy			2	2			2						2	2	2		2						3	4		<b>19 2.6</b>
Hyperplasia, Lymphoid	2																									<b>1 2.0</b>

**INTEGUMENTARY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 30



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	0	0	0	1	1	1	3	2	2	3	3	3	6	5	5	5	6	6	6	6	6	6	6	
<b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8	8	9	9	9	9	9	9	9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	
<b>AZT-M to 0</b>	5	5	0	0	0	0	5	5	6	1	1	1	6	6	6	6	0	0	0	4	4	4	4	
	5	6	5	6	7	8	8	9	0	2	3	4	0	1	2	3	4	5	6	2	3	4	5	
																							<b>* TOTALS</b>	
Alveolar Epithelium, Hyperplasia											3											3	<b>2 3.0</b>	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Posterior To Upper Incisor, Dysplasia				2															<b>48</b>	<b>1 2.0</b>				
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
																							<b>46</b>	
<b>SPECIAL SENSES SYSTEM</b>																								
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	
																							<b>43</b>	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte											1												<b>45</b>	<b>2 1.5</b>
<b>URINARY SYSTEM</b>																								
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
																							<b>45</b>	
Cyst					1															<b>3 1.3</b>				
Hyaline Droplet																				<b>1 3.0</b>				
Infiltration Cellular, Lymphocyte					2					1	1	1					3	2		<b>7 1.6</b>				
Metaplasia, Osseous																				<b>1 1.0</b>				
Nephropathy			1	1	1	1	2	1					2	1	1	1	1	1	1	2	1		<b>31 1.3</b>	
Polyarteritis																								<b>1 2.0</b>
Urethra																							<b>1</b>	
Bulbourethral Gland, Hemorrhage																								<b>1 2.0</b>
Bulbourethral Gland, Epithelium,																								<b>1 3.0</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7				
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
	0	0	0	1	1	1	3	2	2	3	3	3	6	5	5	5	6	6	6	6	6	6	6				
<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
<b>MICE MALE</b>	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	8	8	9	9	9	9	9	9	9	0	0	0	0	0	0	1	1	1	1	1	1	1	1				
<b>AZT-M to 0</b>	5	5	0	0	0	0	5	5	6	1	1	1	6	6	6	6	0	0	0	4	4	4	4				
<b>ANIMAL ID</b>	5	6	5	6	7	8	8	9	0	2	3	4	0	1	2	3	4	5	6	2	3	4	5				
	<b>* TOTALS</b>																										
Hyperplasia																											
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
Infiltration Cellular, Lymphocyte							1						1														
Lumen, Dilatation													1														
																							<b>45</b>	<b>6</b>	<b>1.2</b>	<b>3</b>	<b>3.3</b>

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	5	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	3	0	1	1	6	7	0	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	1	2	6	6	5	2	4	2	5	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	5
<b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1	1	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5
	4	4	4	5	0	1	6	8	2	6	6	6	2	2	2	7	7	7	7	3	3	4	4	4	4	4	4
<b>AZT-L to 0</b>	0	9	4	5	3	9	3	1	1	5	6	7	5	6	7	8	0	1	2	3	8	9	0	1	2	2	

males  
(cont...)

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
					2																					
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum Anus, Hemorrhage Anus, Inflammation, Chronic Anus, Necrosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	3																									
	4																									
	4																									
Intestine Small, Duodenum Hyperplasia, Lymphoid Inflammation, Chronic Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver Basophilic Focus Eosinophilic Focus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

DAY ON TEST	0 0																								males (cont...)
	4 5 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7																								
ANIMAL ID	3 0 1 1 6 7 0 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3																								
	1 2 6 6 5 2 4 2 5 2 2 2 3 3 3 3 3 3 3 3 4 4 4 4 5																								
<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	0 0																								
<b>MICE MALE</b>	0 0																								
<b>AZT-L to 0</b>	0 0 1 1 2 2 2 2 3 3 3 3 4 4 4 4 4 4 4 5 5 5 5 5																								
	4 4 4 5 0 1 6 8 2 6 6 6 2 2 2 7 7 7 3 3 4 4 4 4																								
	0 9 4 5 3 9 3 1 1 5 6 7 5 6 7 8 0 1 2 3 8 9 0 1 2																								
Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Mineralization Necrosis Tension Lipidosis Vacuolization Cytoplasmic	1 2 1 1 4 2																								
Mesentery Fat, Necrosis	+ 4																								
Pancreas Cyst Infiltration Cellular, Lymphocyte Acinus, Degeneration	+ 4 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 2																								
Salivary Glands Infiltration Cellular, Lymphocyte	+ 2 2 2 2 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 2																								
Stomach, Forestomach	+ +																								
Stomach, Glandular Inflammation, Suppurative	+ +																								

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+ +																							
Heart	+ +																							

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	5	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	3	0	1	1	6	7	0	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	1	2	6	6	5	2	4	2	5	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	5
<b>C57BL/6N XC3H/HEN MTV-NCTR</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>AZT-L to 0</b>	0	0	1	1	2	2	2	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5
<b>ANIMAL ID</b>	4	4	4	5	0	1	6	8	2	6	6	6	2	2	2	7	7	7	3	3	4	4	4	4	4
	0	9	4	5	3	9	3	1	5	6	7	5	6	7	8	0	1	2	3	8	9	0	1	2	2

males  
(cont...)

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hypospermia																									
Infiltration Cellular, Lymphocyte								2																	
Inflammation, Chronic Active																									
Spermatocele																									
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst	2								2		2														
Degeneration		4				4	4	2											2			2	2		
Infiltration Cellular, Lymphocyte																									
Inflammation, Suppurative																									
Inflammation, Chronic Active																									
Fat, Necrosis																									
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte			1				1							1					1						
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lumen, Dilatation																									
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminiferous Tubule, Degeneration				2																					

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

DAY ON TEST	0																							
	4	5	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	3	0	1	1	6	7	0	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	1	2	6	6	5	2	4	2	5	2	2	2	3	3	3	3	3	3	3	3	4	4	4	5
<b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	1	1	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5
	4	4	4	5	0	1	6	8	2	6	6	6	2	2	2	7	7	7	7	3	3	4	4	4
<b>AZT-L to 0</b>	0	9	4	5	3	9	3	1	5	6	7	5	6	7	8	0	1	2	3	8	9	0	1	2

**males  
(cont...)**

**HEMATOPOIETIC SYSTEM**

Bone Marrow  
Hyperplasia

+ +

Lymph Node  
Axillary, Hyperplasia, Lymphoid  
Pancreatic, Hyperplasia, Lymphoid

+ + +  
4 3

Lymph Node, Mandibular  
Hyperplasia, Lymphoid

+ + M + + + + + + + + + + + + + + + + + + + M + +  
1 1 1 1

Lymph Node, Mesenteric  
Angiectasis  
Hemorrhage  
Hyperplasia, Lymphoid  
Infiltration Cellular, Histiocyte  
Infiltration Cellular, Mast Cell  
Thrombosis  
Sinus, Dilatation

+  
2 1 2  
2 2 3 2  
2  
2  
3 2 2

Spleen  
Hematopoietic Cell Proliferation  
Hyperplasia, Lymphoid

+  
2 3 4 2  
2 2

Thymus  
Atrophy

+ M + M + + + + M + + + + + + + + M + + + + + + + +  
2 4 3 4 3 2 3 3 3 2 3 3 3 2 3 3 3 2 3 3 3 3 3

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 4 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|   | 3 | 0 | 1 | 1 | 6 | 7 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |
|   | 1 | 2 | 6 | 6 | 5 | 2 | 4 | 2 | 5 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |   |   |
| <b>AZT-L to 0</b>                           | 4 | 4 | 4 | 5 | 0 | 1 | 6 | 8 | 2 | 6 | 6 | 6 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 3 | 3 | 4 | 4 | 4 |   |
|   | 0 | 9 | 4 | 5 | 3 | 9 | 3 | 1 | 1 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 8 | 9 | 0 | 1 |   |

males  
(cont...)

Hyperplasia, Lymphoid 1 1

**INTEGUMENTARY SYSTEM**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland                | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Skin                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Necrosis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**MUSCULOSKELETAL SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bone, Femur     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**NERVOUS SYSTEM**

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 39

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|             | 4 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 3           | 0 | 1 | 1 | 6 | 7 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1           | 2 | 6 | 6 | 5 | 2 | 4 | 2 | 5 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 |

---

| ANIMAL ID | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | males<br>(cont...) |
|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|
|           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                    |
| 0         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                    |
| 0         | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |   |                    |
| 4         | 4 | 4 | 5 | 0 | 1 | 6 | 8 | 2 | 6 | 6 | 6 | 2 | 2 | 2 | 7 | 7 | 7 | 3 | 3 | 4 | 4 | 4 | 4 |   |                    |
| 0         | 9 | 4 | 5 | 3 | 9 | 3 | 1 | 1 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 8 | 9 | 0 | 2 |   |                    |

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Cerebrum<br>Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|                                   |   |   |   |   | 1 | 1 |   | 1 |   |   |   | 1 | 1 |   | 1 | 1 |   | 1 |   |   |   |   |   |   |
| Peripheral Nerve                  |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Spinal Cord                       |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**RESPIRATORY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung<br>Infiltration Cellular, Histiocyte     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar Epithelium, Hyperplasia              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Nose<br>Posterior To Upper Incisor, Dysplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Trachea                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye<br>Cataract | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
|   | 4 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |  |
|   | 3 | 0 | 1 | 1 | 6 | 7 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |  |
|   | 1 | 2 | 6 | 6 | 5 | 2 | 4 | 2 | 5 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 |  |
| <hr/>                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|   | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |  |
| <b>AZT-L to 0</b>                           | 4 | 4 | 4 | 5 | 0 | 1 | 6 | 8 | 2 | 6 | 6 | 6 | 2 | 2 | 2 | 7 | 7 | 7 | 3 | 3 | 4 | 4 | 4 |   |  |
| ANIMAL ID                                   | 0 | 9 | 4 | 5 | 3 | 9 | 3 | 1 | 1 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 8 | 9 | 0 |   |  |

males  
(cont...)

Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Acinus, Degeneration

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

URINARY SYSTEM

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Kidney                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Infiltration Cellular, Lymphocyte |   |   |   |   | 1 |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Metaplasia, Osseous               |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Nephropathy                       |   | 4 | 1 |   |   | 2 | 3 | 1 | 1 |   | 1 | 1 | 1 |   | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 |  |  |
| Pelvis, Dilatation                |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |  |  |
| <hr/>                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Urinary Bladder                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   | 1 |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Lumen, Dilatation                 |   |   |   |   |   | 2 | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7               | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 3               | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|   | 5               | 5 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 3 | 3 | 3 | 5 | 4 | 4 | 4 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
|   | 5               | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0 |
| <b>AZT-L to 0</b>                           | 4               | 4 | 4 | 9 | 9 | 4 | 4 | 5 | 5 | 3 | 9 | 0 | 0 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
|   | 3               | 4 | 5 | 5 | 6 | 8 | 9 | 0 | 1 | 4 | 9 | 0 | 1 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |       |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Esophagus  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48    |
| Gallbladder  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48    |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48    |
|  |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   | 2 2.0 |
| Intestine Large, Colon   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48    |
| Intestine Large, Rectum<br>Anus, Hemorrhage<br>Anus, Inflammation, Chronic<br>Anus, Necrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48    |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 3.0 |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 4.0 |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 4.0 |
| Intestine Small, Duodenum<br>Hyperplasia, Lymphoid<br>Inflammation, Chronic Active           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48    |
|  |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0 |
|  |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 3.0 |
| Intestine Small, Ileum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48    |
| Intestine Small, Jejunum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48    |
| Liver<br>Basophilic Focus<br>Eosinophilic Focus  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48    |
|  |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2     |
|  |   |   | X |   |   | X |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   | 4     |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|   | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   | 0 |                 |
|   | 7           | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |                 |
|   | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |                 |
|   | 5           | 5 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 3 | 3 | 3 | 5 | 4 | 4 |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b>                   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |                 |
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |                 |
|   | 5           | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0 |                 |
|   | 4           | 4 | 4 | 9 | 9 | 4 | 4 | 5 | 5 | 3 | 9 | 0 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |                 |
| <b>AZT-L to 0</b>   | 3           | 4 | 5 | 5 | 6 | 8 | 9 | 0 | 1 | 4 | 9 | 0 | 1 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | <b>* TOTALS</b> |
| Infiltration Cellular, Lymphocyte<br>Inflammation, Chronic Active |             |   |   |   |   | 1 | 2 |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   | <b>4 1.3</b>    |
| Mineralization  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.5</b>    |
| Necrosis  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b>    |
| Tension Lipidosis   |             |   |   |   |   | 1 |   |   |   | 1 | 1 |   |   |   | 1 | 1 |   |   |   |   |   |   | <b>2 2.5</b>    |
| Vacuolization Cytoplasmic   |             |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>12 1.1</b>   |
|   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.5</b>    |
| Mesentery   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>        |
| Fat, Necrosis   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>    |
| Pancreas  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>48</b>       |
| Cyst  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>    |
| Infiltration Cellular, Lymphocyte                                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>6 1.2</b>    |
| Acinus, Degeneration  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>7 1.3</b>    |
| Salivary Glands   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>48</b>       |
| Infiltration Cellular, Lymphocyte                                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>45 1.3</b>   |
| Stomach, Forestomach  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>48</b>       |
| Stomach, Glandular  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>48</b>       |
| Inflammation, Suppurative   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>    |

**CARDIOVASCULAR SYSTEM**

|              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|
| Blood Vessel |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>48</b> |
| Heart        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>48</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               |
|   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4               |
|   | 5 | 5 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 3 | 3 | 3 | 5 | 4 | 4               |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1               |
| <b>AZT-L to 0</b>                           | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0               |
| <b>ANIMAL ID</b>                            | 4 | 4 | 4 | 9 | 9 | 4 | 4 | 5 | 5 | 3 | 9 | 0 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6               |
|   | 3 | 4 | 5 | 5 | 6 | 8 | 9 | 0 | 1 | 4 | 9 | 0 | 1 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6               |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |
| Cardiomyopathy                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.0</b>    |
| Polyarteritis                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b>    |

**ENDOCRINE SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Adrenal Cortex                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b>     |
| Accessory Adrenal Cortical Nodule |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   | <b>1</b>      |
| Hypertrophy                       |   |   |   |   | 1 |   |   | 2 |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   | <b>4 1.8</b>  |
| Subcapsular, Hyperplasia          | 2 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 1 |   | 2 | 1 | 1 | 2 | 1 | 1 |   | 1 | 3 | 2 |   | 2 | <b>38 1.4</b> |
| Adrenal Medulla                   | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | <b>46</b>     |
| Islets, Pancreatic                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b>     |
| Hyperplasia                       |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   | <b>5 1.4</b>  |
| Parathyroid Gland                 | M | + | + | + | + | + | M | + | M | + | M | M | + | + | + | + | + | + | + | + | + | + | <b>37</b>     |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b>  |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 2.0</b>  |
| Pituitary Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>47</b>     |
| Pars Distalis, Cyst               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1 |   |   |   |   |   | <b>7 1.0</b>  |
| Pars Distalis, Hyperplasia        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b>  |
| Thyroid Gland                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b>     |
| Depletion                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | <b>1 1.0</b>  |
| Follicle, Degeneration            |   |   |   |   | 2 |   | 1 |   |   |   |   |   |   |   |   | 2 | 2 |   |   |   |   |   | <b>7 1.7</b>  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               |
|   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4               |
|   | 5 | 5 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 3 | 3 | 3 | 5 | 4 | 4 | 4               |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1               |
|   | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0               |
| <b>AZT-L to 0</b>                           | 4 | 4 | 4 | 9 | 9 | 4 | 4 | 5 | 5 | 3 | 9 | 0 | 0 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6               |
|   | 3 | 4 | 5 | 5 | 6 | 8 | 9 | 0 | 1 | 4 | 9 | 0 | 1 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7               |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |

**HEMATOPOIETIC SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |            |  |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|------------|--|
| Bone Marrow                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         | <b>48</b>  |  |
| Hyperplasia                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  | <b>2.0</b> |  |
| Lymph Node                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>4</b>  |            |  |
| Axillary, Hyperplasia, Lymphoid   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  | <b>3.5</b> |  |
| Pancreatic, Hyperplasia, Lymphoid |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  | <b>2.0</b> |  |
| Lymph Node, Mandibular            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         | <b>46</b>  |  |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>9</b>  | <b>1.2</b> |  |
| Lymph Node, Mesenteric            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         | <b>48</b>  |  |
| Angiectasis                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>8</b>  | <b>1.9</b> |  |
| Hemorrhage                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>16</b> | <b>1.9</b> |  |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>29</b> | <b>2.1</b> |  |
| Infiltration Cellular, Histiocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3</b>  | <b>2.3</b> |  |
| Infiltration Cellular, Mast Cell  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  | <b>2.0</b> |  |
| Thrombosis                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  | <b>2.0</b> |  |
| Sinus, Dilatation                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>5</b>  | <b>2.4</b> |  |
| Spleen                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         | <b>48</b>  |  |
| Hematopoietic Cell Proliferation  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>7</b>  | <b>2.7</b> |  |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>14</b> | <b>2.1</b> |  |
| Thymus                            | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         | <b>43</b>  |  |
| Atrophy                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>18</b> | <b>2.7</b> |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
Test Type: CHRONIC  
Route: IN-UTERO  
Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
Time Report Requested: 16:30:06  
First Dose M/F: 07/10/03 / NA  
Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        | 0          |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|------------|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7        | 7          |
|   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4        | 4          |
|   | 5 | 5 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 3 | 3 | 3 | 5 | 4 | 4        | 4          |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        | 0          |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1        | 1          |
|   | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0        | 0          |
| <b>AZT-L to 0</b>                           | 4 | 4 | 4 | 9 | 9 | 4 | 4 | 5 | 5 | 3 | 9 | 0 | 0 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6        | 6          |
|   | 3 | 4 | 5 | 5 | 6 | 8 | 9 | 0 | 1 | 4 | 9 | 0 | 1 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6        | 7          |
| <b>* TOTALS</b>                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b> | <b>1.0</b> |

Hyperplasia, Lymphoid

**2 1.0**

**INTEGUMENTARY SYSTEM**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |       |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Mammary Gland                | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0     |
| Skin                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48    |
| Fibrosis                     |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   | 1 4.0 |
| Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0 |
| Necrosis                     |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0 |
| Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0 |

**MUSCULOSKELETAL SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Bone, Femur     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Skeletal Muscle |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

**NERVOUS SYSTEM**

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked  
Page 47

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |   |
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               |   |
|   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4               |   |
|   | 5 | 5 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 3 | 3 | 3 | 5 | 4 | 4               |   |
| .....                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |   |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1               |   |
|   | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0               |   |
| ANIMAL ID                                   | 4 | 4 | 4 | 9 | 9 | 4 | 4 | 5 | 5 | 3 | 9 | 0 | 0 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6               |   |
| AZT-L to 0                                  | 3 | 4 | 5 | 5 | 6 | 8 | 9 | 0 | 1 | 4 | 9 | 0 | 1 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6               | 7 |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |   |

Brain, Cerebrum  
 Mineralization

+  
 1 1 1 1 1 1 1 1 1 1

**48**  
**16 1.0**

Peripheral Nerve

1

Spinal Cord

1

**RESPIRATORY SYSTEM**

Lung  
 Infiltration Cellular, Histiocyte  
 Infiltration Cellular, Lymphocyte  
 Alveolar Epithelium, Hyperplasia

+  
 2 1 3

**48**  
**1 3.0**  
**1 1.0**  
**4 1.8**

Nose  
 Posterior To Upper Incisor, Dysplasia

+  
 3 2

**48**  
**4 2.5**

Trachea

+ +

**48**

**SPECIAL SENSES SYSTEM**

Eye  
 Cataract

+ +

**48**  
**2 1.5**

Harderian Gland

+ +

**48**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 48



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               |
|   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4               |
|   | 5 | 5 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 3 | 3 | 3 | 5 | 4 | 4 | 4               |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1               |
|   | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0               |
| ANIMAL ID                                   | 4 | 4 | 4 | 9 | 9 | 4 | 4 | 5 | 5 | 3 | 9 | 0 | 0 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6               |
| <b>AZT-L to 0</b>                           | 3 | 4 | 5 | 5 | 6 | 8 | 9 | 0 | 1 | 4 | 9 | 0 | 1 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 6 | 7               |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |

|                                   |   |   |   |              |
|-----------------------------------|---|---|---|--------------|
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | <b>8 1.0</b> |
| Inflammation, Chronic Active      |   |   |   | <b>1 1.0</b> |
| Acinus, Degeneration              |   |   |   | <b>2 1.5</b> |

**URINARY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |              |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|--------------|
| Kidney                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             | <b>48</b>    |
| Cyst                              |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 2.0</b> |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>3 1.0</b> |
| Metaplasia, Osseous               |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>2 1.5</b> |
| Nephropathy                       | 1 | 1 | 1 | 1 |   | 1 | 1 | 1 |   | 1 | 1 | 1 |   | 1 | 1 | 1 | 1 | 1 |   | 3 | 1 | 1 | <b>39 1.3</b> |              |
| Pelvis, Dilatation                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 3.0</b> |
| Urinary Bladder                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             | <b>48</b>    |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>2 1.0</b> |
| Lumen, Dilatation                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>2 3.0</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 49

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 9 | 4 | 9 | 8 | 9 | 1 | 1 | 2 | 2 | 3 | 9 | 8 | 9 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 5 | 6 | 4 | 8 | 4 | 7 | 4 | 0 | 9 | 5 | 3 | 9 | 7 | 8 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 7 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| <b>AZT-H/3TC-H to 0</b>                     | 4 | 6 | 0 | 0 | 2 | 4 | 4 | 4 | 5 | 6 | 5 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 9 | 9 |
|   | 6 | 6 | 0 | 3 | 7 | 2 | 6 | 8 | 1 | 0 | 0 | 4 | 5 | 4 | 8 | 9 | 0 | 1 | 9 | 4 | 5 | 6 | 7 | 7 | 8 |

males  
(cont...)

**ALIMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus                                    | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder Epithelium, Hyperplasia          | A | + | A | + | + | M | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Large, Cecum Hyperplasia, Lymphoid | A | + | A | + | + | + | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon Hyperplasia, Lymphoid | A | + | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum                      | A | + | A | + | + | + | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum                    | A | + | A | + | + | + | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum Hyperplasia, Lymphoid | A | + | A | + | + | + | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Small, Jejunum                     | A | + | A | + | + | + | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver Basophilic Focus                       | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Clear Cell Focus                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Eosinophilic Focus                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Eosinophilic Focus, Multiple                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 9 | 4 | 9 | 8 | 9 | 1 | 1 | 2 | 2 | 3 | 9 | 8 | 9 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                                   | 5 | 6 | 4 | 8 | 4 | 7 | 4 | 0 | 9 | 5 | 3 | 9 | 7 | 8 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>AZT-H/3TC-H to 0</b>           | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 |
| <b>ANIMAL ID</b>                  | 4 | 6 | 0 | 0 | 2 | 4 | 4 | 4 | 5 | 6 | 5 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 9 | 9 |
|                                   | 6 | 6 | 0 | 3 | 7 | 2 | 6 | 8 | 1 | 0 | 0 | 4 | 5 | 4 | 8 | 9 | 0 | 1 | 9 | 4 | 5 | 6 | 7 | 8 |

males  
(cont...)

**ENDOCRINE SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex                    | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hypertrophy                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |
| Subcapsular, Hyperplasia          |   | 1 |   |   | 1 | 1 |   |   |   | 1 |   | 1 |   | 3 | 1 | 1 | 1 | 1 |   | 1 | 1 | 1 | 1 | 2 |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |
| Adrenal Medulla                   | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Islets, Pancreatic                | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                       |   |   |   |   |   | 2 | 2 |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   | 1 |   |
| Parathyroid Gland                 | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + |
| Pituitary Gland                   | A | + | A | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Cyst               |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 2 |   |   |   |   |   |   |   |   |   | 2 |
| Thyroid Gland                     | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ectopic Thymus                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Follicle, Degeneration            |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |

**GENERAL BODY SYSTEM**

|            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Tissue NOS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|             | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|             | 9 | 4 | 9 | 8 | 9 | 1 | 1 | 2 | 2 | 3 | 9 | 8 | 9 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|             | 5 | 6 | 4 | 8 | 4 | 7 | 4 | 0 | 9 | 5 | 3 | 9 | 7 | 8 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 7 |

---

| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                      | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
|                                      | 4 | 6 | 0 | 0 | 2 | 4 | 4 | 4 | 5 | 6 | 5 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 9 | 9 |
|                                      | 6 | 6 | 0 | 3 | 7 | 2 | 6 | 8 | 1 | 0 | 0 | 4 | 5 | 4 | 8 | 9 | 0 | 1 | 9 | 4 | 5 | 6 | 7 | 8 |

ANIMAL ID

**AZT-H/3TC-H to 0**

**males (cont...)**

**GENITAL SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Coagulating Gland<br>Lumen, Dilatation  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Epididymis<br>Infiltration Cellular, Lymphocyte<br>Polyarteritis  | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   | 1 |   |  |
| Preputial Gland<br>Cyst<br>Degeneration<br>Infiltration Cellular, Lymphocyte<br>Inflammation, Suppurative<br>Inflammation, Chronic Active | A | + | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |  |
|   |   | 2 |   | 4 | 3 |   | 4 |   |   |   | 3 | 4 |   |   |   |   |   |   |   |   |   | 4 | 2 |  |
|   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   | 4 | 2 |  |
|   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |  |
| Prostate<br>Infiltration Cellular, Lymphocyte   | A | + | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Seminal Vesicle<br>Atrophy<br>Lumen, Dilatation   | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Testes<br>Seminiferous Tubule, Degeneration   | A | + | A | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

**HEMATOPOIETIC SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 53

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 9 | 4 | 9 | 8 | 9 | 1 | 1 | 2 | 2 | 3 | 9 | 8 | 9 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 5 | 6 | 4 | 8 | 4 | 7 | 4 | 0 | 9 | 5 | 3 | 9 | 7 | 8 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 7 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
| <b>AZT-H/3TC-H to 0</b>                     | 4 | 6 | 0 | 2 | 4 | 4 | 4 | 5 | 6 | 5 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 9 | 9 | 9 | 9 |
|   | 6 | 6 | 0 | 3 | 7 | 2 | 6 | 8 | 1 | 0 | 4 | 5 | 4 | 8 | 9 | 0 | 1 | 9 | 4 | 5 | 6 | 7 | 7 | 8 | 8 |

males (cont...)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone Marrow<br>Hyperplasia  | A | + | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymph Node<br>Lumbar, Hyperplasia, Lymphoid<br>Renal, Hyperplasia, Lymphoid   |   |   | A | + | + |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymph Node, Mandibular<br>Hyperplasia, Lymphoid<br>Infiltration Cellular, Plasma Cell   | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lymph Node, Mesenteric<br>Angiectasis<br>Hematopoietic Cell Proliferation<br>Hemorrhage<br>Hyperplasia, Lymphoid<br>Infiltration Cellular, Histiocyte<br>Infiltration Cellular, Mast Cell<br>Infiltration Cellular, Plasma Cell<br>Infiltration Cellular, Polymorphonuclear Sinus, Dilatation | A | + | A | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Spleen<br>Congestion<br>Hematopoietic Cell Proliferation<br>Hyperplasia, Lymphoid   | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Thymus  | A | M | A | + | + | + | + | M | + | M | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 54

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 9 | 4 | 9 | 8 | 9 | 1 | 1 | 2 | 2 | 3 | 9 | 8 | 9 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 5 | 6 | 4 | 8 | 4 | 7 | 4 | 0 | 9 | 5 | 3 | 9 | 7 | 8 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 7 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| <b>AZT-H/3TC-H to 0</b>                     | 4 | 6 | 0 | 0 | 2 | 4 | 4 | 4 | 5 | 6 | 5 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 9 | 9 |   |
|   | 6 | 6 | 0 | 3 | 7 | 2 | 6 | 8 | 1 | 0 | 0 | 4 | 5 | 4 | 8 | 9 | 0 | 1 | 9 | 4 | 5 | 6 | 7 | 8 |   |
| Atrophy                                     |   |   |   |   | 4 | 3 | 2 | 4 |   |   | 4 | 4 | 4 | 4 | 3 | 2 | 3 | 3 | 4 | 3 | 4 |   |   |   |   |
| Hyperplasia, Lymphoid                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |

males  
(cont...)

**INTEGUMENTARY SYSTEM**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland                | M | M | A | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Skin                         | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Suppurative    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mineralization               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Ulcer                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**MUSCULOSKELETAL SYSTEM**

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**NERVOUS SYSTEM**

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Autolysis         | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hemorrhage        | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 9 | 4 | 9 | 8 | 9 | 1 | 1 | 2 | 2 | 3 | 9 | 8 | 9 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                                   | 5 | 6 | 4 | 8 | 4 | 7 | 4 | 0 | 9 | 5 | 3 | 9 | 7 | 8 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 7 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>AZT-H/3TC-H to 0</b>           | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
| ANIMAL ID                         | 4 | 6 | 0 | 0 | 2 | 4 | 4 | 4 | 5 | 6 | 5 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 9 | 9 |   |
|                                   | 6 | 6 | 0 | 3 | 7 | 2 | 6 | 8 | 1 | 0 | 0 | 4 | 5 | 4 | 8 | 9 | 0 | 1 | 9 | 4 | 5 | 6 | 7 | 8 |   |
| Brain, Cerebrum<br>Mineralization | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
|                                   |   |   |   |   |   | 1 |   |   |   |   | 1 | 1 |   |   |   |   |   |   | 1 |   |   | 1 |   | 2 | 2 |

males  
(cont...)

**RESPIRATORY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Autolysis                         | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |
| Nose                              | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea                           | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye                               | A | + | A | + | + | + | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland                   | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |

**URINARY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney                            | A | + | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Inflammation, Suppurative         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| 4                                 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |  |
| 9                                 | 4 | 9 | 8 | 9 | 1 | 1 | 2 | 2 | 3 | 9 | 8 | 9 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |  |
| 5                                 | 6 | 4 | 8 | 4 | 7 | 4 | 0 | 9 | 5 | 3 | 9 | 7 | 8 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 7 | 7 |   |  |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| <b>ANIMAL ID</b>                  | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 |  |
| <b>AZT-H/3TC-H to 0</b>           | 4 | 6 | 0 | 0 | 2 | 4 | 4 | 4 | 5 | 6 | 5 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 9 | 9 |   |  |
|                                   | 6 | 6 | 0 | 3 | 7 | 2 | 6 | 8 | 1 | 0 | 0 | 4 | 5 | 4 | 8 | 9 | 0 | 1 | 9 | 4 | 5 | 6 | 7 | 7 | 8 |   |  |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Necrosis                          |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Nephropathy                       |   |   | 1 |   | 1 |   |   |   |   | 1 | 1 | 1 |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 |   | 1 |   |  |
| Polyarteritis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Urinary Bladder                   | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |
| Infiltration Cellular, Lymphocyte |   | 1 |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1 |   |   |   |   |  |
| Lumen, Dilatation                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 57

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
|                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
| DAY ON TEST                       | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               |
|                                   | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4               |
|                                   | 7 | 8 | 6 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 9 | 2 | 2 | 2 | 2 | 4 | 4 | 3 | 5 | 5               |
|                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1               |
|                                   | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 1               |
| ANIMAL ID                         | 9 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 0 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 1 | 6 | 6 | 4               |
| <b>AZT-H/3TC-H to 0</b>           | 9 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 0 | 1 | 4 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 9 | 6               |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |

**ALIMENTARY SYSTEM**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |              |          |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|--------------|----------|
| Esophagus                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | + | 46           |          |
| Gallbladder                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | + | 44           |          |
| Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   | <b>1 2.0</b> |          |
| Intestine Large, Cecum       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | + | 43           |          |
| Hyperplasia, Lymphoid        |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |          | 2 | <b>2 2.0</b> |          |
| Intestine Large, Colon       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | + | 44           |          |
| Hyperplasia, Lymphoid        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |          |   | <b>1 2.0</b> |          |
| Intestine Large, Rectum      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | + | 43           |          |
| Intestine Small, Duodenum    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | + | 43           |          |
| Intestine Small, Ileum       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | + | 43           |          |
| Hyperplasia, Lymphoid        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   | <b>1 2.0</b> |          |
| Intestine Small, Jejunum     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | + | 43           |          |
| Liver                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | + | 46           |          |
| Basophilic Focus             |   |   |   | X |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | X | <b>4</b> |   |              |          |
| Clear Cell Focus             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   | <b>1</b>     |          |
| Eosinophilic Focus           | X |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |          |   |              | <b>2</b> |
| Eosinophilic Focus, Multiple |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   | <b>1</b>     |          |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               | 0 |
|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
|  |  | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               | 7 |
|  |  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4               | 4 |
|  |  | 7 | 8 | 6 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 9 | 2 | 2 | 2 | 2 | 4 | 4 | 3               | 5 |
|  |  | 5 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 0 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 5 | 6 | 7 | 8 | 9               |   |
| ANIMAL ID  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |   |
|  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1               |   |
|  |  | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0               |   |
|  |  | 9 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 0 | 0 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 1 | 1 | 6 | 6 | 4               |   |
|  |  | 9 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 0 | 1 | 4 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 9               |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |   |
| Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Mixed Cell Focus Necrosis Tension Lipidosis Vacuolization Cytoplasmic |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |   |

**CARDIOVASCULAR SYSTEM**

|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Blood Vessel Hemorrhage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:  
 x .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate  
 I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|                                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
|                                   | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
|                                   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |                 |
|                                   | 7           | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |                 |
|                                   | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 |   |                 |
|                                   | 7           | 8 | 6 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 9 | 2 | 2 | 2 | 2 | 4 | 4 |   |                 |
|                                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |                 |
| <b>MICE MALE</b>                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |                 |
| ANIMAL ID                         | 5           | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 |                 |
| <b>AZT-H/3TC-H to 0</b>           | 9           | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 0 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 1 | 6 | 6 |                 |
|                                   | 9           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 0 | 1 | 4 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 9 | <b>* TOTALS</b> |

**GENITAL SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |                              |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|------------------------------|
| Coagulating Gland<br>Lumen, Dilatation                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | <b>1 2.0</b>                 |
| Epididymis<br>Infiltration Cellular, Lymphocyte<br>Polyarteritis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | <b>2 1.5</b><br><b>1 2.0</b> |
| Preputial Gland<br>Cyst  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | <b>1 3.0</b>                 |
| Degeneration   |   | 3 |   | 3 |   | 2 |   | 2 |   |   |   | 3 |   |   | 4 |   |   | 4 |   |   | 3 |    | <b>19 3.1</b>                |
| Infiltration Cellular, Lymphocyte                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | <b>1 1.0</b>                 |
| Inflammation, Suppurative  |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | <b>2 2.0</b>                 |
| Inflammation, Chronic Active                                     |   |   |   |   |   |   |   | 1 |   |   | 2 |   | 1 |   | 2 |   |   |   |   |   |   |    | <b>4 1.5</b>                 |
| Prostate<br>Infiltration Cellular, Lymphocyte                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | <b>7 1.1</b>                 |
| Seminal Vesicle<br>Atrophy                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | <b>1 2.0</b>                 |
| Lumen, Dilatation  |   |   |   |   | 3 |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   | 2 |    | <b>5 2.4</b>                 |
| Testes<br>Seminiferous Tubule, Degeneration                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | <b>3 1.7</b>                 |

**HEMATOPOIETIC SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 l .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 61

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST  | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * TOTALS |   |  |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|--|
|  | 7 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |  |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE<br>ANIMAL ID | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * TOTALS |   |  |
|  | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |  |
| AZT-H/3TC-H to 0                                     | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * TOTALS |   |  |
|  | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |  |
| ANIMAL ID  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        |   |  |
|  | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1        | 1 |  |
|  | 9 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 0 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 1 | 1 | 6        | 6 |  |
|  | 9 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 0 | 1 | 4 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 9 | 6        |   |  |

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |     |     |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|-----|
| Bone Marrow<br>Hyperplasia   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | 1  | 2.0 |     |
| Lymph Node<br>Lumbar, Hyperplasia, Lymphoid<br>Renal, Hyperplasia, Lymphoid  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 3  | 1   | 2.0 |
| Lymph Node, Mandibular<br>Hyperplasia, Lymphoid<br>Infiltration Cellular, Plasma Cell  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | 9  | 1.6 |     |
| Lymph Node, Mesenteric<br>Angiectasis<br>Hematopoietic Cell Proliferation<br>Hemorrhage<br>Hyperplasia, Lymphoid<br>Infiltration Cellular, Histiocyte<br>Infiltration Cellular, Mast Cell<br>Infiltration Cellular, Plasma Cell<br>Infiltration Cellular, Polymorphonuclear<br>Sinus, Dilatation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | 7  | 1.7 |     |
|  |   |   |   | 1 |   | 1 |   | 2 |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |    | 1  | 2.0 |     |
|  |   |   |   |   | 3 | 2 |   |   | 1 |   | 3 |   | 2 | 2 | 2 | 1 |   |   |   |   |   | 3 | 2 |    | 15 | 2.0 |     |
|  |   |   |   | 2 | 3 | 2 | 2 | 2 | 2 | 1 |   |   | 1 |   |   |   |   | 2 | 3 | 3 | 2 | 2 |   |    | 23 | 2.2 |     |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   | 3 |    | 3  | 2.7 |     |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1  | 2.0 |     |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |    | 2  | 3.0 |     |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1  | 2.0 |     |
|  |   |   |   |   | 2 |   |   |   |   |   | 2 |   |   | 1 | 2 |   |   |   |   | 2 |   | 3 |   |    | 9  | 2.1 |     |
| Spleen<br>Congestion<br>Hematopoietic Cell Proliferation<br>Hyperplasia, Lymphoid  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | 1  | 4.0 |     |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |    | 9  | 3.1 |     |
|  |   |   |   |   |   | 2 |   |   |   |   |   | 3 |   |   | 3 |   |   |   |   |   |   |   |   |    | 20 | 2.5 |     |
| Thymus   | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | M | + | + | 38 |    |     |     |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7               | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 3               | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|   | 7               | 8 | 6 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 9 | 2 | 2 | 2 | 2 | 4 | 4 | 3 | 5 | 5 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
|   | 5               | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 1 |
| <b>AZT-H/3TC-H to 0</b>                     | 9               | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 1 | 6 | 6 | 4 |
|   | 9               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 0 | 1 | 4 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 9 | 6 |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Brain, Cerebrum Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b>     |
|                                | 1 | 1 | 1 |   | 1 |   |   |   |   |   |   |   |   | 1 |   |   | 1 |   | 1 | 1 |   | 1 | 1 | <b>18 1.1</b> |

**RESPIRATORY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |              |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|--------------|
| Lung Autolysis Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b>    | <b>1 4.0</b> |
|  | 1 |   |   |   |   |   |   | 1 |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   | <b>4 1.0</b> |              |
| Nose   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>46</b>    |              |
| Trachea  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b>    |              |

**SPECIAL SENSES SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |              |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|
| Eye   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>43</b> |              |
| Harderian Gland Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b> | <b>3 1.0</b> |
|   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |           |              |

**URINARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |              |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|--------------|
| Kidney Cyst Infiltration Cellular, Lymphocyte Inflammation, Suppurative | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>44</b>    | <b>2 2.5</b> |
|   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   | <b>5 1.6</b> |              |
|   |   |   |   |   |   | 3 |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   | <b>1 4.0</b> |              |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 64



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |   |
|-----------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| DAY ON TEST                       |  | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               |   |
| DAY ON TEST                       |  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4               |   |
| DAY ON TEST                       |  | 7 | 8 | 6 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 9 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 3 | 5 | 5               | 6 |
| C57BL/6N XC3H/HEN MTV-NCTR        |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |   |
| MICE MALE                         |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1               | 1 |
| ANIMAL ID                         |  | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0               | 1 |
| AZT-H/3TC-H to 0                  |  | 9 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 1 | 1 | 6 | 6               | 4 |
|                                   |  | 9 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 0 | 1 | 4 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 9 | 6 |                 |   |
|                                   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |   |
| Necrosis                          |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>    |   |
| Nephropathy                       |  | 1 | 1 | 2 | 1 | 1 |   |   | 1 |   |   |   | 1 | 2 | 1 | 1 | 1 | 1 | 1 |   | 1 | 1 | 1 | 1 | <b>33 1.1</b>   |   |
| Polyarthritis                     |  |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   | <b>1 1.0</b>    |   |
| Urinary Bladder                   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>45</b>       |   |
| Infiltration Cellular, Lymphocyte |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>5 1.0</b>    |   |
| Lumen, Dilatation                 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>    |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 65

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 1 | 5 | 8 | 0 | 1 | 3 | 8 | 9 | 0 | 0 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 9 | 7 | 1 | 1 | 5 | 8 | 9 | 2 | 4 | 5 | 9 | 6 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| <b>AZT-M/3TC-M to 0</b>                         | 5 | 8 | 9 | 2 | 5 | 6 | 3 | 5 | 6 | 8 | 9 | 1 | 7 | 7 | 7 | 7 | 8 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| ANIMAL ID                                       | 2 | 0 | 4 | 6 | 2 | 6 | 3 | 7 | 4 | 9 | 9 | 3 | 2 | 3 | 4 | 8 | 9 | 0 | 6 | 7 | 8 | 9 | 0 | 1 |

males  
(cont...)

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus   | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder   | A | + | + | + | + | + | A | A | + | + | + | A | + | + | + | M | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid                 | A | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
|   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Large, Colon<br>Inflammation, Chronic Active<br>Ulcer | A | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
|   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Large, Rectum   | A | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum<br>Epithelium, Hyperplasia            | A | + | + | + | + | + | + | A | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum  | A | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum  | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Basophilic Focus  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Basophilic Focus, Multiple                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Eosinophilic Focus  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 1 | 5 | 8 | 0 | 1 | 3 | 8 | 9 | 0 | 0 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                                   | 9 | 7 | 1 | 1 | 5 | 8 | 9 | 2 | 4 | 5 | 9 | 6 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                   | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| <b>AZT-M/3TC-M to 0</b>           | 2 | 0 | 4 | 6 | 2 | 6 | 3 | 7 | 4 | 9 | 9 | 3 | 2 | 3 | 4 | 8 | 9 | 0 | 6 | 7 | 8 | 9 | 0 | 1 | 2 |

males  
(cont...)

|                                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
|-----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|
| Fibrosis                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |   |
| Infiltration Cellular, Lymphocyte |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 2 |
| Inflammation, Chronic Active      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 4 |
| Mixed Cell Focus                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Necrosis                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | X |
| Tension Lipidosis                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 1 |
|                                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 2 |
|                                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 2 |
|                                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 2 |
| Mesentery                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Fat, Necrosis                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | + |
|                                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 4 |
| Pancreas                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Cyst                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Infiltration Cellular, Lymphocyte |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Inflammation, Chronic Active      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Acinus, Degeneration              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
|                                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Salivary Glands                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Fibrosis                          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Infiltration Cellular, Lymphocyte |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Inflammation, Chronic Active      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
|                                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Stomach, Forestomach              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
|                                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Stomach, Glandular                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Inflammation, Chronic Active      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |

**CARDIOVASCULAR SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

| DAY ON TEST                                       | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | males (cont...) |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------|
|   | 5 5 5 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |
| 1 5 8 0 1 3 8 9 0 0 1 1 3 3 3 3 3 3 3 3 3 3 3 3   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |
| 9 7 1 1 5 8 9 2 4 5 9 6 2 2 2 3 3 3 4 4 4 4 5 5 5 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>       | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |
|   | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |
|   | 0 0 0 1 1 1 2 2 2 2 3 3 3 3 4 4 4 5 5 5 5 5 5 5   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |
| ANIMAL ID   | 5 8 9 2 5 6 3 5 6 8 9 1 7 7 7 7 8 4 4 4 4 5 5 5   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |
| <b>AZT-M/3TC-M to 0</b>                           | 2 0 4 6 2 6 3 7 4 9 9 3 2 3 4 8 9 0 6 7 8 9 0 1 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |

|                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   | 1 |

**ENDOCRINE SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| Adrenal Cortex                    | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +   |
| Accessory Adrenal Cortical Nodule |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
| Hyperplasia                       |   |   |   |   |   |   |   |   |   | 2 |   |   |   | 2 |   |   |   |   |   |   |   |   |   |     |
| Hypertrophy                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |     |
| Subcapsular, Hyperplasia          |   | 1 |   | 2 |   | 2 | 1 |   | 1 | 1 | 1 |   | 1 |   | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 |   | 2 3 |
| Adrenal Medulla                   | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +   |
| Islets, Pancreatic                | A | + | M | + | + | + | + | M | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | +   |
| Hyperplasia                       |   | 1 |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   | 2   |
| Parathyroid Gland                 | A | M | + | + | + | M | + | A | + | + | M | M | + | + | + | + | M | + | + | + | M | + | + | +   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |     |
| Pituitary Gland                   | M | + | M | + | + | + | + | A | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | +   |
| Pars Distalis, Cyst               |   |   |   |   |   |   | 1 |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
| Pars Distalis, Hyperplasia        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |     |
| Thyroid Gland                     | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +   |
| Ectopic Thymus                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |     |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 1 | 5 | 8 | 0 | 1 | 3 | 8 | 9 | 0 | 0 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                                   | 9 | 7 | 1 | 1 | 5 | 8 | 9 | 2 | 4 | 5 | 9 | 6 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>AZT-M/3TC-M to 0</b>           | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| ANIMAL ID                         | 5 | 8 | 9 | 2 | 5 | 6 | 3 | 5 | 6 | 8 | 9 | 1 | 7 | 7 | 7 | 7 | 8 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 |
|                                   | 2 | 0 | 4 | 6 | 2 | 6 | 3 | 7 | 4 | 9 | 9 | 3 | 2 | 3 | 4 | 8 | 9 | 0 | 6 | 7 | 8 | 9 | 0 | 1 | 2 |
| Follicle, Degeneration            |   |   |   |   |   |   |   |   |   | 2 | 1 |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |

males (cont...)

**GENERAL BODY SYSTEM**

Tissue NOS

+

**GENITAL SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis                        | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hypospermia                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Spermatocoele                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Preputial Gland                   | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Degeneration                      |   | 4 | 4 |   | 4 | 3 | 4 |   | 2 | 3 |   | 2 |   | 2 |   | 2 |   | 2 |   | 2 |   | 2 | 3 | 3 |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   | 3 |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bilateral, Cyst                   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Prostate                          | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   | 1 | 1 |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |
| Seminal Vesicle                   | A | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy                           |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

| DAY ON TEST  | 0   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 5 5 5 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ANIMAL ID  | 1 5 8 0 1 3 8 9 0 0 1 1 3 3 3 3 3 3 3 3 3 3 3 3   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 9 7 1 1 5 8 9 2 4 5 9 6 2 2 2 3 3 3 4 4 4 4 5 5 5 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ANIMAL ID  | 0   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 0 0 0 1 1 1 2 2 2 2 2 3 3 3 3 4 4 4 5 5 5 5 5 5   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AZT-M/3TC-M to 0   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ANIMAL ID  | 5 8 9 2 5 6 3 5 6 8 9 1 7 7 7 7 8 4 4 4 4 5 5 5   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 2 0 4 6 2 6 3 7 4 9 9 3 2 3 4 8 9 0 6 7 8 9 0 1 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active Lumen, Dilatation   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 2 | 2 |
| Testes Seminiferous Tubule, Degeneration   | A   | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 |
| HEMATOPOIETIC SYSTEM   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bone Marrow Fibrosis Hyperplasia   | A   | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  |   |   |   |   |   |   |   | 3 |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node Pancreatic, Hyperplasia, Lymphoid   |   |   |   |   |   |   |   | + |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mandibular Hyperplasia, Lymphoid Infiltration Cellular, Mast Cell  | A   | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  |   |   |   | 1 |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |
| Lymph Node, Mesenteric Angiectasis Hemorrhage Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte Infiltration Cellular, Mast Cell Infiltration Cellular, Plasma Cell Infiltration Cellular, Polymorphonuclear Sinus, Dilatation | A   | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  | 2   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 2   | 4 |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |
|  |   |   |   | 3 |   | 1 | 2 |   | 1 | 2 |   |   |   |   |   |   |   |   |   |   |   |   | 3 | 2 |   | 3 |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   | 3 |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

males (cont...)

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked  
Page 70



TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST                          |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AZT-M/3TC-M to 0                     |  | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| ANIMAL ID                            |  | 5 | 8 | 9 | 2 | 5 | 6 | 3 | 5 | 6 | 8 | 9 | 1 | 7 | 7 | 7 | 8 | 4 | 4 | 4 | 9 | 0 | 1 | 2 |   |

males (cont...)

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem              | A | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum              | A | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum Degeneration   | A | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum Gliosis        |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Brain, Cerebrum Mineralization |   |   |   |   |   | 1 |   |   | 1 | 1 | 1 |   | 1 | 1 | 1 |   | 1 | 1 | 1 | 1 |   |   |   |   |

**RESPIRATORY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung Crystals                              | A | + | + | + | + | + | + | + | + | + | 3 | 3 | 2 |   |   |   |   |   |   |   |   |   |   |   |
| Lung Infiltration Cellular, Histiocyte     |   |   |   |   |   |   |   |   |   |   | 3 | 3 | 2 | 1 |   |   |   |   |   |   |   |   |   |   |
| Lung Infiltration Cellular, Lymphocyte     |   |   |   | 1 |   |   |   |   | 1 |   |   |   | 2 | 1 |   |   |   |   |   |   |   |   | 2 |   |
| Lung Inflammation, Chronic Active          |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |
| Lung Alveolar Epithelium, Hyperplasia      |   |   |   |   |   | 2 |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |
| Nose Inflammation, Chronic Active          | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Nose Mucosa, Dysplasia                     |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |
| Nose Posterior To Upper Incisor, Dysplasia |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |
| Trachea                                    | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 1 | 5 | 8 | 0 | 1 | 3 | 8 | 9 | 0 | 0 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                                   | 9 | 7 | 1 | 1 | 5 | 8 | 9 | 2 | 4 | 5 | 9 | 6 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>AZT-M/3TC-M to 0</b>           | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| ANIMAL ID                         | 5 | 8 | 9 | 2 | 5 | 6 | 3 | 5 | 6 | 8 | 9 | 1 | 7 | 7 | 7 | 8 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 |
|                                   | 2 | 0 | 4 | 6 | 2 | 6 | 3 | 7 | 4 | 9 | 9 | 3 | 2 | 3 | 4 | 8 | 9 | 0 | 6 | 7 | 8 | 9 | 0 | 1 |

males  
(cont...)

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye                                      | A | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bilateral, Cataract                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Harderian Gland                          | A | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte        |   | 1 |   |   |   |   |   |   |   | 1 |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Polymorphonuclear |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   | 1 |
| Inflammation, Chronic Active             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |
| Acinus, Degeneration                     |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**URINARY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney                            | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Fibrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Nephropathy                       |   |   | 1 | 3 |   | 2 | 2 | 1 |   | 1 | 1 |   |   | 1 | 1 | 2 | 1 |   | 1 | 1 | 1 |   | 1 | 1 |
| Pelvis, Dilatation                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Urinary Bladder                   | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lumen, Dilatation                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 73

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DAY ON TEST                       | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|                                   | 7 | 9 | 9 | 2 | 4 | 2 | 0 | 0 | 8 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 6 | 6 | 6 |
|                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 1 | 1 |
| ANIMAL ID                         | 6 | 3 | 4 | 0 | 0 | 0 | 6 | 6 | 6 | 0 | 1 | 1 | 6 | 6 | 7 | 7 | 1 | 1 | 7 | 4 | 4 | 5 |
| <b>AZT-M/3TC-M to 0</b>           | 8 | 9 | 0 | 5 | 6 | 7 | 2 | 3 | 4 | 9 | 0 | 1 | 8 | 9 | 0 | 1 | 8 | 9 | 0 | 7 | 8 | 9 |
| <b>* TOTALS</b>                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |              |   |    |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|--------------|---|----|
| Esophagus                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | +            | + | 47 |
| Gallbladder                  | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | +            | + | 42 |
| Intestine Large, Cecum       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | +            | + | 45 |
| Hyperplasia, Lymphoid        |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 2 | 1 |   |   |              | <b>5 1.8</b> |   |    |
| Intestine Large, Colon       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | +            | + | 45 |
| Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>1 2.0</b> |   |    |
| Ulcer                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>1 4.0</b> |   |    |
| Intestine Large, Rectum      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | +            | + | 45 |
| Intestine Small, Duodenum    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | +            | + | 44 |
| Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   | <b>1 3.0</b> |              |   |    |
| Intestine Small, Ileum       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | +            | + | 45 |
| Intestine Small, Jejunum     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | +            | + | 46 |
| Liver                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | +            | + | 48 |
| Angiectasis                  |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   | <b>1 3.0</b> |              |   |    |
| Basophilic Focus             |   |   |   |   |   |   |   |   |   |   |   |   |   | X | X |   | X |   | X            | <b>5</b>     |   |    |
| Basophilic Focus, Multiple   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>1</b>     |   |    |
| Eosinophilic Focus           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   | X            | <b>2</b>     |   |    |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 l .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0            | 0               |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|-----------------|
|                                   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7            | 7               |
|                                   | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4            | 4               |
|                                   | 7 | 9 | 9 | 2 | 4 | 2 | 0 | 0 | 8 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 6 | 6 | 6            | 6               |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0            | 0               |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1            | 1               |
| <b>AZT-M/3TC-M to 0</b>           | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 1            | 1               |
| <b>ANIMAL ID</b>                  | 6 | 3 | 4 | 0 | 0 | 0 | 6 | 6 | 6 | 0 | 1 | 1 | 6 | 6 | 7 | 7 | 1 | 1 | 7 | 4 | 4 | 4            | 5               |
|                                   | 8 | 9 | 0 | 5 | 6 | 7 | 2 | 3 | 4 | 9 | 0 | 1 | 8 | 9 | 0 | 1 | 8 | 9 | 0 | 7 | 8 | 9            | 0               |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>* TOTALS</b> |
| Fibrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>1 4.0</b>    |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>4 1.5</b>    |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>1 4.0</b>    |
| Mixed Cell Focus                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>2</b>        |
| Necrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>2 2.5</b>    |
| Tension Lipidosis                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>6 1.7</b>    |
| Mesentery                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>1</b>        |
| Fat, Necrosis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>1 4.0</b>    |
| Pancreas                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | +               |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>45</b>       |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>1 4.0</b>    |
| Inflammation, Chronic Active      | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>5 1.0</b> |                 |
| Acinus, Degeneration              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>1 3.0</b>    |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>5 1.2</b>    |
| Salivary Glands                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | +               |
| Fibrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>47</b>       |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1            | 1               |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>41 1.2</b>   |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>1 4.0</b>    |
| Stomach, Forestomach              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | +               |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>45</b>       |
| Stomach, Glandular                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | +               |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>45</b>       |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>1 2.0</b>    |

**CARDIOVASCULAR SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 75



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST  | 0 |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |     |  |  |  | * TOTALS |
|--|---|--|--|--|---|--|--|--|---|--|--|--|---|--|--|--|-----|--|--|--|----------|
|  | 7 |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |     |  |  |  |          |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE<br>ANIMAL ID | 0 |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |     |  |  |  | * TOTALS |
|  | 5 |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |     |  |  |  |          |
| AZT-M/3TC-M to 0                                     | 8 |  |  |  |   |  |  |  |   |  |  |  |   |  |  |  |     |  |  |  | * TOTALS |
| Follicle, Degeneration                               | 1 |  |  |  | 2 |  |  |  | 2 |  |  |  | 6 |  |  |  | 1.7 |  |  |  |          |

**GENERAL BODY SYSTEM**

Tissue NOS

1

**GENITAL SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |       |       |       |        |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-------|-------|-------|--------|
| Epididymis                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |   |       |       |       |        |
| Hypospermia                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 3 | 1 3.0 |       |       |        |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2 | 1     | 2 1.5 |       |        |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |       | 1 3.0 |       |        |
| Spermatocoele                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |       | 1 3.0 |       |        |
| Preputial Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |   |       |       |       |        |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |       | 2 2.0 |       |        |
| Degeneration                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2 | 3     | 3 3 4 | 2 3   | 21 2.9 |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |       | 1 1.0 |       |        |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2 | 2     | 2 2   | 6 2.2 |        |
| Bilateral, Cyst                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |       | 1 3.0 |       |        |
| Prostate                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |   |       |       |       |        |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |       | 4 1.0 |       |        |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |       | 1 2.0 |       |        |
| Seminal Vesicle                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |   |       |       |       |        |
| Atrophy                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |       | 1 3.0 |       |        |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
Test Type: CHRONIC  
Route: IN-UTERO  
Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
AZT/Drug Combinations Transplacental Carcinogenesis Study  
CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
Time Report Requested: 16:30:06  
First Dose M/F: 07/10/03 / NA  
Lab: NCTR

| DAY ON TEST                              |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE  |  | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ANIMAL ID                                |  | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AZT-M/3TC-M to 0                         |  | 7 | 9 | 9 | 2 | 4 | 2 | 0 | 0 | 8 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 6 | 6 | 6      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 0 | 0      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 0 | 0      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 5 | 7      | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 1 |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 6 | 3      | 4 | 0 | 0 | 0 | 6 | 6 | 6 | 0 | 1 | 1 | 6 | 6 | 7 | 7 | 1 | 1 | 7 | 4 | 4 | 5 |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 8 | 9      | 0 | 5 | 6 | 7 | 2 | 3 | 4 | 9 | 0 | 1 | 8 | 9 | 0 | 1 | 8 | 9 | 0 | 7 | 8 | 9 |
|  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active             |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lumen, Dilatation                        |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 2.0  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Testes                                   |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Seminiferous Tubule, Degeneration        |  |   |   |   |   |   |   |   | 1 |   |   |   |   |   | 4 |   |   |   |   |   |   | 1 | 5 2.0  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <b>HEMATOPOIETIC SYSTEM</b>              |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bone Marrow                              |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Fibrosis                                 |  |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia                              |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 3.0  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node                               |  |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pancreatic, Hyperplasia, Lymphoid        |  |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mandibular                   |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia, Lymphoid                    |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 1.8  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Mast Cell         |  |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   | 1 4.0  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mesenteric                   |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Angiectasis                              |  | 2 |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   | 4 2.0  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hemorrhage                               |  |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   | 2 |   | 13 2.0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia, Lymphoid                    |  | 3 | 2 | 2 |   | 2 |   |   |   |   |   |   | 2 | 2 | 3 |   |   |   |   |   | 2 | 1 | 23 2.1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Histiocyte        |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   | 2 2.0  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Mast Cell         |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 1 2.0  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Plasma Cell       |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 3.0  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Polymorphonuclear |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   | 3 2.0  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Sinus, Dilatation                        |  |   |   |   |   |   |   |   |   | 2 | 2 |   |   |   |   |   |   |   |   |   |   | 2 | 4 2.0  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|   | 7 | 9 | 9 | 2 | 4 | 2 | 0 | 0 | 8 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 6 | 6 | 6 | 6 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b><br><b>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
|   | 6 | 3 | 4 | 0 | 0 | 0 | 6 | 6 | 6 | 0 | 1 | 1 | 6 | 6 | 7 | 7 | 1 | 1 | 7 | 4 | 4 | 4 | 5 |
| <b>AZT-M/3TC-M to 0</b>                               | 8 | 9 | 0 | 5 | 6 | 7 | 2 | 3 | 4 | 9 | 0 | 1 | 8 | 9 | 0 | 1 | 8 | 9 | 0 | 7 | 8 | 9 | 0 |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |               |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---------------|
| Spleen   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>47</b>     |               |
| Hematopoietic Cell Proliferation                   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>6 2.7</b>  |               |
| Hyperplasia, Lymphoid Inflammation, Chronic Active | 3 | 4 |   | 3 |   | 3 | 2 |   |   | 2 | 3 |   |   | 4 | 2 |   | 3 |   |   |   | 2 |   |   |   | <b>17 2.8</b> |               |
| Inflammation, Chronic Active                       |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>  |               |
| Thymus   | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | M | + | + | + | <b>43</b>     |               |
| Atrophy  |   |   | 3 |   | 2 |   |   |   |   | 3 |   |   |   | 2 |   | 3 | 2 |   |   |   |   | 2 |   |   |               | <b>20 2.9</b> |

**INTEGUMENTARY SYSTEM**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Mammary Gland                | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | <b>1</b>     |
| Skin                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b>    |
| Fibrosis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   | <b>1 4.0</b> |
| Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b> |
| Metaplasia, Osseous          |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b> |
| Ulcer                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |

**MUSCULOSKELETAL SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Bone, Femur     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b> |
| Skeletal Muscle |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |

**NERVOUS SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 79

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|   | 7 | 9 | 9 | 2 | 4 | 2 | 0 | 0 | 8 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 6 | 3 | 4 | 0 | 0 | 0 | 6 | 6 | 6 | 0 | 1 | 1 | 6 | 6 | 7 | 7 | 1 | 1 | 7 | 4 | 4 | 4 | 4 | 5 |
| <b>AZT-M/3TC-M to 0</b>                     | 8 | 9 | 0 | 5 | 6 | 7 | 2 | 3 | 4 | 9 | 0 | 1 | 8 | 9 | 0 | 1 | 8 | 9 | 0 | 7 | 8 | 9 | 0 | 0 |

**\* TOTALS**

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Brain, Cerebrum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Degeneration      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Gliosis           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mineralization    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                   | 1 |   | 1 |   | 1 |   |   |   |   |   |   | 1 |   | 1 |   |   | 1 | 1 |   | 1 | 1 |   | 1 |   |
|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**1 2.0**  
**1 2.0**  
**22 1.0**

**RESPIRATORY SYSTEM**

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Crystals                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Histiocyte     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Nose                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mucosa, Dysplasia                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Posterior To Upper Incisor, Dysplasia |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Trachea                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**47**  
**3 2.7**  
**5 2.2**  
**5 1.4**  
**1 4.0**  
**2 2.5**

**46**  
**1 2.0**  
**1 3.0**  
**1 4.0**

**46**

**SPECIAL SENSES SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7               | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 2               | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|   | 7               | 9 | 9 | 2 | 4 | 2 | 0 | 0 | 8 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 6 | 6 | 6 | 6 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 5               | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| <b>AZT-M/3TC-M to 0</b>                     | 6               | 3 | 4 | 0 | 0 | 0 | 6 | 6 | 6 | 0 | 1 | 1 | 6 | 6 | 7 | 7 | 1 | 1 | 7 | 4 | 4 | 4 | 5 |
|   | 8               | 9 | 0 | 5 | 6 | 7 | 2 | 3 | 4 | 9 | 0 | 1 | 8 | 9 | 0 | 1 | 8 | 9 | 0 | 7 | 8 | 9 | 0 |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Eye                                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b>    |
| Cataract                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b> |
| Bilateral, Cataract                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b> |
| Harderian Gland                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b>    |
| Hyperplasia                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b> |
| Infiltration Cellular, Lymphocyte        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   | <b>5 1.0</b> |
| Infiltration Cellular, Polymorphonuclear |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b> |
| Inflammation, Chronic Active             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b> |
| Acinus, Degeneration                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b> |

**URINARY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |              |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|--------------|
| Kidney                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             | <b>46</b>    |
| Cyst                              |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |               | <b>3 2.3</b> |
| Fibrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 4.0</b> |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   | 1 | 1 |   | 1 |   | 1 |   |   |   |   |   |   |   |   |               | <b>6 1.3</b> |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 4.0</b> |
| Nephropathy                       | 1 |   |   | 1 |   | 1 | 1 | 1 |   |   | 1 |   | 1 |   |   | 1 | 1 | 1 | 2 |   | 1 | 1 | <b>32 1.2</b> |              |
| Pelvis, Dilatation                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 4.0</b> |
| Urinary Bladder                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             | <b>46</b>    |
| Infiltration Cellular, Lymphocyte | 1 | 1 |   |   |   |   |   |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>5 1.0</b> |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 4.0</b> |
| Lumen, Dilatation                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |               | <b>2 3.5</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

**TDMS No.** 20311 - 01  
**Test Type:** CHRONIC  
**Route:** IN-UTERO  
**Species/Strain:** MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number:** AIDSTHERAPEU

**Date Report Requested:** 06/29/2009  
**Time Report Requested:** 16:30:06  
**First Dose M/F:** 07/10/03 / NA  
**Lab:** NCTR

| DAY ON TEST  | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | males<br>(cont...) |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------|
|  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE<br>ANIMAL ID | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
|  | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| AZT-L/3TC-L to 0                                     | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
|  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|
| Esophagus   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |  |  |  |
| Gallbladder   | M | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |  |  |  |  |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid                 | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |  |
| Intestine Large, Colon  | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |  |  |  |
| Intestine Large, Rectum   | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |  |  |  |
| Intestine Small, Duodenum<br>Infiltration Cellular, Plasma Cell | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |  |
| Intestine Small, Ileum  | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |  |
| Intestine Small, Jejunum<br>Inflammation, Chronic Active        | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |  |
| Liver   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |  |
| Basophilic Focus  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
| Clear Cell Focus  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
| Cyst  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
| Eosinophilic Focus  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |
| Hematopoietic Cell Proliferation                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
l .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------|---|
| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                      |   |
|                                   | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7                      |   |
|                                   | 1 | 0 | 1 | 4 | 6 | 8 | 7 | 0 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3                      |   |
|                                   | 5 | 2 | 2 | 8 | 9 | 3 | 8 | 8 | 7 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 6 | 6 | 5 | 5 | 8 |   |   |                        |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                      |   |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                      |   |
| ANIMAL ID                         | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6                      |   |
| <b>AZT-L/3TC-L to 0</b>           | 5 | 1 | 3 | 7 | 0 | 2 | 2 | 6 | 7 | 7 | 7 | 3 | 3 | 8 | 8 | 8 | 8 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 5 |   |   |                        |   |
|                                   | 1 | 3 | 7 | 2 | 4 | 5 | 7 | 6 | 1 | 5 | 6 | 7 | 7 | 0 | 1 | 2 | 3 | 3 | 4 | 0 | 1 | 2 | 3 | 5 |   |   |   | <b>males (cont...)</b> |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |                        |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |
| Tension Lipidosis                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |
| Vacuolization Cytoplasmic         |   |   |   |   |   | 1 |   |   |   |   |   | 1 | 2 |   |   |   |   |   | 1 |   | 2 | 1 |   |   |   |   |   | 1                      |   |
| Mesentery                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |
| Fat, Necrosis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |
| Pancreas                          | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                      |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |                        | 1 |
| Acinus, Degeneration              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1 |   |   | 2 | 1 |   |   |   |   |   |   |                        |   |
| Salivary Glands                   | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                      |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |
| Stomach, Forestomach              | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                      |   |
| Ulcer                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |                        |   |
| Epithelium, Hyperplasia           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |                        |   |
| Stomach, Glandular                | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                      |   |
| Epithelium, Hyperplasia           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>CARDIOVASCULAR SYSTEM</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Blood Vessel                 | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart                        | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|             |   | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|             | 1 | 0 | 1 | 4 | 6 | 8 | 7 | 0 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|             | 5 | 2 | 2 | 8 | 9 | 3 | 8 | 8 | 7 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 6 | 6 | 5 | 5 | 8 |

---

| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   |   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |   |
|   | 5 | 1 | 3 | 7 | 0 | 2 | 2 | 6 | 7 | 7 | 7 | 3 | 3 | 8 | 8 | 8 | 5 | 5 | 0 | 0 | 0 | 0 | 5 |   |   |
|   | 1 | 3 | 7 | 2 | 4 | 5 | 7 | 6 | 1 | 5 | 6 | 7 | 0 | 1 | 2 | 1 | 2 | 3 | 3 | 4 | 0 | 1 | 2 | 3 | 5 |

**AZT-L/3TC-L to 0**

|                       |   |  |  |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |                    |
|-----------------------|---|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--------------------|
| Ventricle, Dilatation | 3 |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  | males<br>(cont...) |
|-----------------------|---|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--------------------|

**ENDOCRINE SYSTEM**

|                                   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Adrenal Cortex                    | + + + A +     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cyst                              |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hypertrophy                       |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Subcapsular, Hyperplasia          | 2 2 1 2 1 2 1         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adrenal Medulla                   | + + + A +     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Islets, Pancreatic                | + + + A +     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hyperplasia                       | 1         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Parathyroid Gland                 | + + + A + + + + + + + + + + + M + + + M + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Infiltration Cellular, Lymphocyte | 1         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pituitary Gland                   | + + + A +     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pars Distalis, Cyst               |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Pars Distalis, Hyperplasia        | 1         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thyroid Gland                     | + + + A +     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Polyarteritis                     | 1         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Follicle, Degeneration            |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**GENERAL BODY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

|                                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------|
|                                   | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                      |
|                                   |             | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7                      |
|                                   |             | 1 | 0 | 1 | 4 | 6 | 8 | 7 | 0 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3                      |
|                                   |             | 5 | 2 | 2 | 8 | 9 | 3 | 8 | 8 | 7 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 3 | 6 | 6 | 5 | 8                      |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                      |
| <b>MICE MALE</b>                  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                      |
|                                   | ANIMAL ID   | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6                      |
| <b>AZT-L/3TC-L to 0</b>           |             | 5 | 1 | 3 | 7 | 0 | 2 | 2 | 6 | 7 | 7 | 7 | 3 | 3 | 3 | 8 | 8 | 8 | 5 | 5 | 0 | 0 | 5                      |
|                                   |             | 1 | 3 | 7 | 2 | 4 | 5 | 7 | 6 | 1 | 5 | 6 | 7 | 0 | 1 | 2 | 1 | 2 | 3 | 3 | 4 | 0 | 5                      |
|                                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>males (cont...)</b> |

Tissue NOS

GENITAL SYSTEM

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Coagulating Gland                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lumen, Dilatation                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |
| Epididymis                        | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hypospermia                       |   |   |   |   |   |   | 2 | 4 |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |
| Preputial Gland                   | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |
| Degeneration                      | 3 |   | 3 |   | 2 | 2 | 4 |   | 3 | 4 | 3 | 3 |   |   | 2 |   |   |   | 2 | 2 | 2 |   | 3 |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |
| Duct, Dilatation                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Prostate                          | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   | 1 |   | 1 |   |   |   |   |   |   |   |   |   |   |   |
| Seminal Vesicle                   | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lumen, Dilatation                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 3 |
| Testes                            | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Seminiferous Tubule, Degeneration | 3 |   | 1 |   |   |   | 2 | 4 |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

| DAY ON TEST                       | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------------------|
|                                   | 5 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |
| ANIMAL ID                         | 1 0 1 4 6 8 7 0 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |
|                                   | 5 2 2 8 9 3 8 8 7 2 2 2 3 3 3 3 3 4 3 6 6 5 5 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |
|                                   | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |
|                                   | 0 1 1 1 2 2 2 2 3 3 3 4 4 4 4 4 5 6 6 6 6 6 6 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |
|                                   | 5 1 3 7 0 2 2 6 7 7 7 3 3 3 8 8 8 5 5 0 0 0 0 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |
|                                   | 1 3 7 2 4 5 7 6 1 5 6 7 7 0 1 2 3 3 4 0 1 2 3 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                  |
| <b>MICE MALE</b>                  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>males</b>     |
| <b>AZT-L/3TC-L to 0</b>           |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>(cont...)</b> |

**HEMATOPOIETIC SYSTEM**

|  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow                              | +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hyperplasia                              | 3 3 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymph Node                               | + +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymph Node, Mandibular                   | + + + A + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hyperplasia, Lymphoid                    | 2 1   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lymph Node, Mesenteric                   | + + + A + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Angiectasis                              | 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hemorrhage                               | 2 2 2 2 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hyperplasia, Lymphoid                    | 2 2 1 2 3 2 2 2 2 2 2 2 2 2 2                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Infiltration Cellular, Histiocyte        | 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Infiltration Cellular, Plasma Cell       |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Infiltration Cellular, Polymorphonuclear |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sinus, Dilatation                        | 3 2 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Spleen                                   | + + + A + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hematopoietic Cell Proliferation         | 2 3 4 4 4 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hyperplasia, Lymphoid                    | 3 4 3 2 4 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thymus                                   | + + + A + M |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Atrophy                                  | 4 3 2 4 4 2 3 2 1 2 3 3 4 2 3 4 2                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cyst                                     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hyperplasia, Lymphoid                    | 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

**TDMS No.** 20311 - 01  
**Test Type:** CHRONIC  
**Route:** IN-UTERO  
**Species/Strain:** MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number:** AIDSTHERAPEU

**Date Report Requested:** 06/29/2009  
**Time Report Requested:** 16:30:06  
**First Dose M/F:** 07/10/03 / NA  
**Lab:** NCTR

| DAY ON TEST                                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 1 | 0 | 1 | 4 | 6 | 8 | 7 | 0 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 5 | 2 | 2 | 8 | 9 | 3 | 8 | 8 | 7 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 6 | 6 | 5 | 5 | 8 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 |
| <b>AZT-L/3TC-L to 0</b>                         | 5 | 1 | 3 | 7 | 0 | 2 | 2 | 6 | 7 | 7 | 7 | 3 | 3 | 3 | 8 | 8 | 8 | 5 | 5 | 0 | 0 | 0 | 0 | 5 |   |
|   | 1 | 3 | 7 | 2 | 4 | 5 | 7 | 6 | 1 | 5 | 6 | 7 | 0 | 1 | 2 | 1 | 2 | 3 | 3 | 4 | 0 | 1 | 2 | 3 | 5 |

**males (cont...)**

**INTEGUMENTARY SYSTEM**

|               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Skin Fibrosis | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**MUSCULOSKELETAL SYSTEM**

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**NERVOUS SYSTEM**

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem              | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum              | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum Mineralization | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|                                |   |   |   | 1 | 1 | 1 | 1 |   |   | 1 | 1 | 1 | 1 |   |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |

**RESPIRATORY SYSTEM**

|               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung Crystals | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 1 | 0 | 1 | 4 | 6 | 8 | 7 | 0 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 5 | 2 | 2 | 8 | 9 | 3 | 8 | 8 | 7 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 6 | 6 | 5 | 5 | 8 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 |
| <b>AZT-L/3TC-L to 0</b>                     | 5 | 1 | 3 | 7 | 0 | 2 | 2 | 6 | 7 | 7 | 7 | 3 | 3 | 8 | 8 | 8 | 5 | 5 | 0 | 0 | 0 | 0 | 5 |   |
|   | 1 | 3 | 7 | 2 | 4 | 5 | 7 | 6 | 1 | 5 | 6 | 7 | 0 | 1 | 2 | 1 | 2 | 3 | 3 | 4 | 0 | 1 | 2 | 3 |

males (cont...)

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |         |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| Hemorrhage                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2       |
| Infiltration Cellular, Histiocyte     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |         |
| Infiltration Cellular, Lymphocyte     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1       |
| Pigmentation                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |         |
| Alveolar Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1       |
| Nose                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +       |
| Posterior To Upper Incisor, Dysplasia |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 3 3 2 |
| Trachea                               | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +       |

**SPECIAL SENSES SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye                               | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bilateral, Cataract               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Cornea, Inflammation, Suppurative |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |
| Cornea, Ulcer                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |
| Retina, Degeneration              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Harderian Gland                   | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |
| Acinus, Degeneration              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |

**URINARY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 88



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
|                                   | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |  |
|                                   | 1 | 0 | 1 | 4 | 6 | 8 | 7 | 0 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |  |
|                                   | 5 | 2 | 2 | 8 | 9 | 3 | 8 | 8 | 7 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 6 | 6 | 5 | 5 | 8 |   |   |  |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| <b>ANIMAL ID</b>                  | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 |  |
| <b>AZT-L/3TC-L to 0</b>           | 5 | 1 | 3 | 7 | 0 | 2 | 2 | 6 | 7 | 7 | 7 | 7 | 3 | 3 | 3 | 8 | 8 | 8 | 5 | 5 | 0 | 0 | 0 | 0 | 5 |   |  |
|                                   | 1 | 3 | 7 | 2 | 4 | 5 | 7 | 6 | 1 | 5 | 6 | 7 | 0 | 1 | 2 | 1 | 2 | 3 | 3 | 4 | 0 | 1 | 2 | 3 | 5 |   |  |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Kidney                            | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |
| Amyloid Deposition                |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |  |
| Nephropathy                       |   |   |   | 4 | 1 |   | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 |   | 1 | 1 | 1 | 1 |   |  |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Urinary Bladder                   | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Lumen, Dilatation                 |   |   |   |   |   |   | 2 |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |  |

**males (cont...)**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 89

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|                                   | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                  |  |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------|--|
|                                   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                  |  |
|                                   | 7           | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 |                  |  |
|                                   | 3           | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 6 | 3 |                  |  |
|                                   | 8           | 8 | 8 | 0 | 0 | 5 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 6 | 3 | 5 | 5 | 5 | 7 | 7 | 7 | 6 | 0 | 3 | 9                |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                  |  |
| <b>MICE MALE</b>                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |                  |  |
|                                   | 6           | 6 | 6 | 6 | 6 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |                  |  |
| <b>AZT-L/3TC-L to 0</b>           | 5           | 5 | 5 | 8 | 8 | 6 | 0 | 0 | 1 | 1 | 1 | 1 | 7 | 7 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 8 | 0 | 4 | <b>males</b>     |  |
|                                   | 6           | 7 | 8 | 7 | 8 | 2 | 8 | 9 | 0 | 3 | 4 | 5 | 2 | 3 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 0 | 6 | 1 | <b>(cont...)</b> |  |

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid                 | + | + | + | + | + | + | 2 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum<br>Infiltration Cellular, Plasma Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum<br>Inflammation, Chronic Active        | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + | + | + | + | + | + | + | + | + | + | + |
| Liver   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus  |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   | X |   |   |   |   |   |   |   |
| Clear Cell Focus  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |
| Cyst  |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Eosinophilic Focus  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |
| Hematopoietic Cell Proliferation                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

|  |           | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |           | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |
|  |           | 7           | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 |   |   |   |
|  |           | 3           | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 6 | 3 |   |   |   |
|  |           | 8           | 8 | 8 | 0 | 0 | 5 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 6 | 3 | 5 | 5 | 5 | 7 | 7 | 7 | 6 | 0 | 3 | 9 |   |   |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>  | ANIMAL ID | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |
| <b>AZT-L/3TC-L to 0</b>  | ANIMAL ID | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   |
|  |           | 6           | 6 | 6 | 6 | 6 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |   |   |
|  |           | 5           | 5 | 5 | 8 | 8 | 6 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 7 | 7 | 0 | 0 | 5 | 5 | 5 | 5 | 8 | 0 | 4 | 1 |   |   |   |
|  |           | 6           | 7 | 8 | 7 | 8 | 2 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 2 | 3 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 0 | 6 | 1 |   |   |   |
| Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Tension Lipidosis Vacuolization Cytoplasmic |           |             |   |   | 1 |   |   |   |   |   |   |   |   |   |   | 1 | 1 |   |   | 2 |   |   | 1 |   |   |   |   |   |   |
| Mesentery Fat, Necrosis  |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + | 3 |   |
| Pancreas Infiltration Cellular, Lymphocyte Acinus, Degeneration  |           | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
|  |           |             | 1 |   |   |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |
| Salivary Glands Infiltration Cellular, Lymphocyte  |           | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
|  |           | 1           | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
| Stomach, Forestomach Ulcer Epithelium, Hyperplasia   |           | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Stomach, Glandular Epithelium, Hyperplasia   |           | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**CARDIOVASCULAR SYSTEM**

|                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart Cardiomyopathy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 |   |
|  | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 6 | 3 |   |   |
|  | 8 | 8 | 8 | 0 | 0 | 5 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 6 | 3 | 5 | 5 | 5 | 7 | 7 | 7 | 6 | 0 | 3 | 9 |   |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE<br>ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
|  | 6 | 6 | 6 | 6 | 6 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |   |
|  | 5 | 5 | 5 | 8 | 8 | 6 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 7 | 7 | 0 | 0 | 5 | 5 | 5 | 5 | 8 | 0 | 4 |   |   |
| AZT-L/3TC-L to 0                                     | 6 | 7 | 8 | 7 | 8 | 2 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 2 | 3 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 0 | 6 | 1 |   |

males (cont...)

Ventricle, Dilatation

ENDOCRINE SYSTEM

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |
| Hypertrophy                       |   |   |   | 1 | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Subcapsular, Hyperplasia          |   | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |   |   | 1 | 3 |   | 2 | 2 | 2 |   | 1 | 1 | 1 | 1 |   | 1 | 1 |
| Adrenal Medulla                   | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                       |   |   |   | 3 |   |   |   |   | 2 | 1 | 2 |   |   |   |   |   | 4 |   |   |   |   |   |   | 1 |   |
| Parathyroid Gland                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pituitary Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Cyst               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |
| Pars Distalis, Hyperplasia        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thyroid Gland                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Polyarteritis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Follicle, Degeneration            |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   | 1 |   | 1 |   |   |   |

GENERAL BODY SYSTEM

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|--|
| DAY ON TEST                             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                    |  |
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7                  |  |
|   | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 6 | 3                  |  |
|   | 8 | 8 | 8 | 0 | 0 | 5 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 6 | 3 | 5 | 5 | 5 | 7 | 7 | 7 | 6 | 0 | 3 | 9                  |  |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                  |  |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1                  |  |
|   | 6 | 6 | 6 | 6 | 6 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2                  |  |
| ANIMAL ID                               | 5 | 5 | 5 | 8 | 8 | 6 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 7 | 7 | 0 | 0 | 5 | 5 | 5 | 5 | 8 | 0 | 4 | males<br>(cont...) |  |
| AZT-L/3TC-L to 0                        | 6 | 7 | 8 | 7 | 8 | 2 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 2 | 3 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 0 | 6 | 1                  |  |
| Tissue NOS                              | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |  |

**GENITAL SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Coagulating Gland<br>Lumen, Dilatation        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + | 2 |  |
| Epididymis<br>Fibrosis                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 |  |
| Hypospermia                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |  |
| Infiltration Cellular, Lymphocyte             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Preputial Gland<br>Cyst                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 |   |  |
| Degeneration                                  | 2 |   | 3 |   |   | 2 | 3 |   |   |   |   |   |   | 4 | 4 |   |   | 3 |   | 2 | 3 |   |   | 4 |   |   |   |   |  |
| Inflammation, Chronic Active                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |  |
| Duct, Dilatation                              |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Prostate<br>Infiltration Cellular, Lymphocyte | + | + |   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 | 1 |  |
| Seminal Vesicle<br>Atrophy                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |  |
| Lumen, Dilatation                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |  |
| Testes<br>Seminiferous Tubule, Degeneration   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 | 2 |  |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST                                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 |   |   |   |   |
|   | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 6 | 3 |   |   |   |   |
|   | 8 | 8 | 8 | 0 | 0 | 5 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 6 | 3 | 5 | 5 | 5 | 7 | 7 | 7 | 6 | 0 | 3 | 9 |   |   |   |
| .....   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 6 | 6 | 6 | 6 | 6 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID                                       | 5 | 5 | 5 | 8 | 8 | 6 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 7 | 7 | 0 | 0 | 0 | 5 | 5 | 5 | 8 | 0 | 4 |   |   |   |   |
| <b>AZT-L/3TC-L to 0</b>                         | 6 | 7 | 8 | 7 | 8 | 2 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 2 | 3 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 0 | 6 | 1 |   |   |   |

males  
(cont...)

**HEMATOPOIETIC SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mandibular                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid                    |   |   |   |   |   |   | 1 | 1 |   |   | 2 | 1 | 1 |   |   |   |   |   |   |   |   | 1 | 1 |   |   |   |   |   |
| Lymph Node, Mesenteric                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis                              | 2 |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hemorrhage                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |
| Hyperplasia, Lymphoid                    | 2 |   | 3 | 2 | 2 |   | 3 | 3 | 1 | 2 | 2 | 2 | 2 | 3 |   | 2 |   |   | 3 | 2 | 2 | 2 | 2 | 2 |   |   | 2 |   |
| Infiltration Cellular, Histiocyte        |   |   | 4 |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Plasma Cell       |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Polymorphonuclear |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Sinus, Dilatation                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Spleen                                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hematopoietic Cell Proliferation         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia, Lymphoid                    |   |   | 2 |   |   | 3 |   |   |   |   |   | 4 |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   | 3 |   |
|  |   |   | 3 |   |   | 3 |   |   | 3 | 2 | 4 | 2 |   | 2 | 2 | 2 |   |   | 2 |   |   | 2 |   |   | 3 | 2 |   |   |
| Thymus                                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy                                  |   |   | 3 | 3 | 2 |   | 2 |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   | 4 |   |   |   | 3 | 2 |   |
| Cyst                                     |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia, Lymphoid                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 94

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 |   |
|   | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 6 | 3 |   |   |
|   | 8 | 8 | 8 | 0 | 0 | 5 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 6 | 3 | 5 | 5 | 5 | 7 | 7 | 7 | 6 | 0 | 3 | 9 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
|   | 6 | 6 | 6 | 6 | 6 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |   |
| ANIMAL ID                                   | 5 | 5 | 5 | 8 | 8 | 6 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 7 | 7 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 8 | 0 | 4 |   |
| <b>AZT-L/3TC-L to 0</b>                     | 6 | 7 | 8 | 7 | 8 | 2 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 2 | 3 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 0 | 6 | 1 |   |

males  
(cont...)

**INTEGUMENTARY SYSTEM**

|               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Skin Fibrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**MUSCULOSKELETAL SYSTEM**

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**NERVOUS SYSTEM**

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|                                | 1 | 1 |   |   |   |   | 1 | 1 | 1 |   |   |   | 1 | 1 |   | 1 | 1 | 1 | 1 | 1 | 1 |   |   | 1 |   |

**RESPIRATORY SYSTEM**

|               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung Crystals | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|               |   |   |   | 2 | 2 |   |   |   |   |   |   |   | 2 | 2 |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 |   |
|   | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 6 | 3 |   |
|   | 8 | 8 | 8 | 0 | 0 | 5 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 6 | 3 | 5 | 5 | 5 | 7 | 7 | 7 | 6 | 0 | 3 | 9 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
|   | 6 | 6 | 6 | 6 | 6 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |   |
| <b>AZT-L/3TC-L to 0</b>                     | 5 | 5 | 5 | 8 | 8 | 6 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 7 | 7 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 8 | 0 | 4 |
| <b>ANIMAL ID</b>                            | 6 | 7 | 8 | 7 | 8 | 2 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 2 | 3 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 0 | 6 | 1 |

males (cont...)

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hemorrhage                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Histiocyte     |   |   |   |   | 2 | 2 |   |   |   | 2 |   |   | 2 | 2 |   |   |   |   |   |   |   |   | 1 |   |   |
| Infiltration Cellular, Lymphocyte     |   | 1 |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pigmentation                          |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   | 2 |   | 2 |   |   |   |   |
| Nose                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Posterior To Upper Incisor, Dysplasia |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   | 3 |   |   |   |   |   |   |
| Trachea                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract                          |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |
| Bilateral, Cataract               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Cornea, Inflammation, Suppurative |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Cornea, Ulcer                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Retina, Degeneration              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |
| Harderian Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Acinus, Degeneration              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |

**URINARY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                      |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------|---|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7                      |   |
|   | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 6 | 3 |                        |   |
|   | 8 | 8 | 8 | 0 | 0 | 5 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 6 | 3 | 5 | 5 | 5 | 7 | 7 | 7 | 7 | 6 | 0 | 3 | 9                      |   |
| <hr/>   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b><br><b>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                      |   |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1                      |   |
|   | 6 | 6 | 6 | 6 | 6 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2                      | 2 |
|   | 5 | 5 | 5 | 8 | 8 | 6 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 7 | 7 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 8 | 0 | 4 | 4                      |   |
| <b>AZT-L/3TC-L to 0</b>                               | 6 | 7 | 8 | 7 | 8 | 2 | 8 | 9 | 0 | 2 | 3 | 4 | 5 | 2 | 3 | 7 | 8 | 9 | 1 | 2 | 3 | 4 | 0 | 6 | 1 | <b>males (cont...)</b> |   |
| <hr/>   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |
| Kidney  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                      |   |
| Amyloid Deposition                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |
| Infiltration Cellular, Lymphocyte                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   | 1 |   |   |                        |   |
| Nephropathy   | 1 | 1 | 1 | 1 | 1 |   | 1 |   | 1 | 1 | 1 | 1 | 2 |   | 1 | 1 | 1 | 1 | 1 |   | 1 |   | 4 |   | 1 |                        |   |
| <hr/>   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |
| Urinary Bladder                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                      |   |
| Infiltration Cellular, Lymphocyte                     |   |   |   |   | 1 |   |   |   |   |   |   | 1 | 1 |   |   |   |   |   | 1 |   |   |   | 1 |   |   |                        |   |
| Lumen, Dilatation                                     |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |                        |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 97

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

| DAY ON TEST                       |           |                 |
|-----------------------------------|-----------|-----------------|
| 0                                 |           |                 |
| 7                                 |           |                 |
| 4                                 |           |                 |
| 0                                 |           |                 |
| .....                             |           |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |           | 0               |
| <b>MICE MALE</b>                  |           | 1               |
|                                   |           | 2               |
|                                   | ANIMAL ID | 4               |
| <b>AZT-L/3TC-L to 0</b>           |           | 2               |
|                                   |           | <b>* TOTALS</b> |

**ALIMENTARY SYSTEM**

|   |   |    |       |
|---|---|----|-------|
| Esophagus   | + | 51 |       |
| Gallbladder   | + | 49 |       |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid                 | + | 50 | 2 2.0 |
| Intestine Large, Colon  | + | 50 |       |
| Intestine Large, Rectum   | + | 50 |       |
| Intestine Small, Duodenum<br>Infiltration Cellular, Plasma Cell | + | 50 | 1 2.0 |
| Intestine Small, Ileum  | + | 50 |       |
| Intestine Small, Jejunum<br>Inflammation, Chronic Active        | + | 50 | 1 2.0 |
| Liver   | + | 51 |       |
| Basophilic Focus  |   |    | 6     |
| Clear Cell Focus  |   |    | 1     |
| Cyst  |   |    | 1 2.0 |
| Eosinophilic Focus  |   |    | 3     |
| Hematopoietic Cell Proliferation                                |   |    | 3 1.7 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 98

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

| DAY ON TEST                       |   |  |    |                 |
|-----------------------------------|---|--|----|-----------------|
|                                   | 0 |  |    |                 |
|                                   | 7 |  |    |                 |
|                                   | 4 |  |    |                 |
|                                   | 0 |  |    |                 |
| <hr/>                             |   |  |    |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 |  |    |                 |
| <b>MICE MALE</b>                  | 1 |  |    |                 |
|                                   | 2 |  |    |                 |
| ANIMAL ID                         | 4 |  |    |                 |
| <b>AZT-L/3TC-L to 0</b>           | 2 |  |    |                 |
|                                   |   |  |    | <b>* TOTALS</b> |
| Infiltration Cellular, Lymphocyte |   |  | 4  | 1.0             |
| Inflammation, Chronic Active      |   |  | 1  | 2.0             |
| Tension Lipidosis                 |   |  | 8  | 1.3             |
| Vacuolization Cytoplasmic         |   |  | 4  | 1.3             |
| <hr/>                             |   |  |    |                 |
| Mesentery                         | + |  | 2  |                 |
| Fat, Necrosis                     | 4 |  | 2  | 3.5             |
| <hr/>                             |   |  |    |                 |
| Pancreas                          | + |  | 50 |                 |
| Infiltration Cellular, Lymphocyte |   |  | 6  | 1.0             |
| Acinus, Degeneration              |   |  | 6  | 1.5             |
| <hr/>                             |   |  |    |                 |
| Salivary Glands                   | + |  | 50 |                 |
| Infiltration Cellular, Lymphocyte | 1 |  | 44 | 1.2             |
| <hr/>                             |   |  |    |                 |
| Stomach, Forestomach              | + |  | 50 |                 |
| Ulcer                             |   |  | 1  | 2.0             |
| Epithelium, Hyperplasia           |   |  | 2  | 2.0             |
| <hr/>                             |   |  |    |                 |
| Stomach, Glandular                | + |  | 50 |                 |
| Epithelium, Hyperplasia           |   |  | 2  | 2.5             |

**CARDIOVASCULAR SYSTEM**

|                |   |  |    |     |
|----------------|---|--|----|-----|
| Blood Vessel   | + |  | 50 |     |
| <hr/>          |   |  |    |     |
| Heart          | + |  | 50 |     |
| Cardiomyopathy |   |  | 1  | 1.0 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 99

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       |           |   |                 |
|-----------------------------------|-----------|---|-----------------|
| 0                                 |           |   |                 |
| 7                                 |           |   |                 |
| 4                                 |           |   |                 |
| 0                                 |           |   |                 |
| .....                             |           |   |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |           | 0 |                 |
| <b>MICE MALE</b>                  |           | 1 |                 |
|                                   |           | 2 |                 |
|                                   | ANIMAL ID | 4 |                 |
| <b>AZT-L/3TC-L to 0</b>           |           | 2 |                 |
|                                   |           |   | <b>* TOTALS</b> |
| Ventricle, Dilatation             |           |   | <b>2 2.5</b>    |

**ENDOCRINE SYSTEM**

|                                   |   |  |           |               |
|-----------------------------------|---|--|-----------|---------------|
| Adrenal Cortex                    | + |  | <b>50</b> |               |
| Cyst                              |   |  |           | <b>1 3.0</b>  |
| Hypertrophy                       | 1 |  |           | <b>3 2.0</b>  |
| Subcapsular, Hyperplasia          |   |  |           | <b>37 1.3</b> |
| .....                             |   |  |           |               |
| Adrenal Medulla                   | + |  | <b>49</b> |               |
| .....                             |   |  |           |               |
| Islets, Pancreatic                | + |  | <b>50</b> |               |
| Hyperplasia                       |   |  |           | <b>12 1.6</b> |
| .....                             |   |  |           |               |
| Parathyroid Gland                 | + |  | <b>45</b> |               |
| Infiltration Cellular, Lymphocyte |   |  |           | <b>1 1.0</b>  |
| .....                             |   |  |           |               |
| Pituitary Gland                   | + |  | <b>50</b> |               |
| Pars Distalis, Cyst               |   |  |           | <b>1 1.0</b>  |
| Pars Distalis, Hyperplasia        | 1 |  |           | <b>3 1.0</b>  |
| .....                             |   |  |           |               |
| Thyroid Gland                     | + |  | <b>50</b> |               |
| Polyarteritis                     |   |  |           | <b>1 1.0</b>  |
| Follicle, Degeneration            |   |  |           | <b>4 1.0</b>  |

**GENERAL BODY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 100

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       |           |   |                 |
|-----------------------------------|-----------|---|-----------------|
| 0                                 |           |   |                 |
| 7                                 |           |   |                 |
| 4                                 |           |   |                 |
| 0                                 |           |   |                 |
| .....                             |           |   |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |           | 0 |                 |
| <b>MICE MALE</b>                  |           | 1 |                 |
|                                   |           | 2 |                 |
|                                   | ANIMAL ID | 4 |                 |
| <b>AZT-L/3TC-L to 0</b>           |           | 2 |                 |
|                                   |           |   | <b>* TOTALS</b> |
| Tissue NOS                        |           |   | <b>1</b>        |

**GENITAL SYSTEM**

|                                   |   |  |           |               |
|-----------------------------------|---|--|-----------|---------------|
| Coagulating Gland                 |   |  | <b>2</b>  |               |
| Lumen, Dilatation                 |   |  |           | <b>2 2.5</b>  |
| .....                             |   |  |           |               |
| Epididymis                        | + |  | <b>50</b> |               |
| Fibrosis                          |   |  |           | <b>1 2.0</b>  |
| Hypospermia                       |   |  |           | <b>4 2.5</b>  |
| Infiltration Cellular, Lymphocyte |   |  |           | <b>1 2.0</b>  |
| .....                             |   |  |           |               |
| Preputial Gland                   | + |  | <b>50</b> |               |
| Cyst                              |   |  |           | <b>5 2.2</b>  |
| Degeneration                      | 4 |  |           | <b>27 2.9</b> |
| Inflammation, Chronic Active      |   |  |           | <b>1 1.0</b>  |
| Duct, Dilatation                  |   |  |           | <b>1 4.0</b>  |
| .....                             |   |  |           |               |
| Prostate                          | + |  | <b>50</b> |               |
| Infiltration Cellular, Lymphocyte | 1 |  |           | <b>9 1.0</b>  |
| .....                             |   |  |           |               |
| Seminal Vesicle                   | + |  | <b>50</b> |               |
| Atrophy                           |   |  |           | <b>1 2.0</b>  |
| Lumen, Dilatation                 |   |  |           | <b>2 2.5</b>  |
| .....                             |   |  |           |               |
| Testes                            | + |  | <b>50</b> |               |
| Seminiferous Tubule, Degeneration |   |  |           | <b>9 2.3</b>  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 101

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

| DAY ON TEST                       |           |                 |
|-----------------------------------|-----------|-----------------|
| 0                                 |           |                 |
| 7                                 |           |                 |
| 4                                 |           |                 |
| 0                                 |           |                 |
| .....                             |           |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |           | 0               |
| <b>MICE MALE</b>                  |           | 1               |
|                                   |           | 2               |
|                                   | ANIMAL ID | 4               |
| <b>AZT-L/3TC-L to 0</b>           |           | 2               |
|                                   |           | <b>* TOTALS</b> |

**HEMATOPOIETIC SYSTEM**

|  |   |  |    |        |
|--|---|--|----|--------|
| Bone Marrow                              | + |  | 51 |        |
| Hyperplasia                              |   |  |    | 3 3.0  |
| Lymph Node                               |   |  | 3  |        |
| Lymph Node, Mandibular                   | + |  | 50 |        |
| Hyperplasia, Lymphoid                    |   |  |    | 9 1.2  |
| Lymph Node, Mesenteric                   | + |  | 50 |        |
| Angiectasis                              |   |  |    | 5 1.8  |
| Hemorrhage                               | 2 |  |    | 7 2.1  |
| Hyperplasia, Lymphoid                    | 2 |  |    | 34 2.1 |
| Infiltration Cellular, Histiocyte        |   |  |    | 4 2.8  |
| Infiltration Cellular, Plasma Cell       |   |  |    | 1 3.0  |
| Infiltration Cellular, Polymorphonuclear |   |  |    | 1 2.0  |
| Sinus, Dilatation                        | 2 |  |    | 4 2.3  |
| Spleen                                   | + |  | 50 |        |
| Hematopoietic Cell Proliferation         |   |  |    | 11 3.3 |
| Hyperplasia, Lymphoid                    |   |  |    | 19 2.7 |
| Thymus                                   | + |  | 48 |        |
| Atrophy                                  |   |  |    | 25 2.8 |
| Cyst                                     |   |  |    | 1 2.0  |
| Hyperplasia, Lymphoid                    |   |  |    | 3 2.3  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

| DAY ON TEST                       |   |  |                 |
|-----------------------------------|---|--|-----------------|
|                                   | 0 |  |                 |
|                                   | 7 |  |                 |
|                                   | 4 |  |                 |
|                                   | 0 |  |                 |
| .....                             |   |  |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 |  |                 |
| <b>MICE MALE</b>                  | 1 |  |                 |
|                                   | 2 |  |                 |
| ANIMAL ID                         | 4 |  |                 |
| <b>AZT-L/3TC-L to 0</b>           | 2 |  |                 |
|                                   |   |  | <b>* TOTALS</b> |

**INTEGUMENTARY SYSTEM**

|               |   |  |              |
|---------------|---|--|--------------|
| Mammary Gland | M |  | <b>0</b>     |
| Skin          | + |  | <b>50</b>    |
| Fibrosis      |   |  | <b>1 4.0</b> |

**MUSCULOSKELETAL SYSTEM**

|             |   |  |           |
|-------------|---|--|-----------|
| Bone, Femur | + |  | <b>51</b> |
|-------------|---|--|-----------|

**NERVOUS SYSTEM**

|                   |   |  |               |
|-------------------|---|--|---------------|
| Brain, Brain Stem | + |  | <b>50</b>     |
| Brain, Cerebellum | + |  | <b>50</b>     |
| Brain, Cerebrum   | + |  | <b>50</b>     |
| Mineralization    | 1 |  | <b>29 1.0</b> |

**RESPIRATORY SYSTEM**

|          |   |  |              |
|----------|---|--|--------------|
| Lung     | + |  | <b>50</b>    |
| Crystals |   |  | <b>4 2.0</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST                       |           |   |                 |
|-----------------------------------|-----------|---|-----------------|
|                                   |           | 0 |                 |
|                                   |           | 7 |                 |
|                                   |           | 4 |                 |
|                                   |           | 0 |                 |
| .....                             |           |   |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |           | 0 |                 |
| <b>MICE MALE</b>                  |           | 1 |                 |
|                                   |           | 2 |                 |
|                                   | ANIMAL ID | 4 |                 |
| <b>AZT-L/3TC-L to 0</b>           |           | 2 |                 |
|                                   |           |   | <b>* TOTALS</b> |

|                                       |   |  |              |
|---------------------------------------|---|--|--------------|
| Hemorrhage                            |   |  | <b>1 2.0</b> |
| Infiltration Cellular, Histiocyte     |   |  | <b>6 1.8</b> |
| Infiltration Cellular, Lymphocyte     |   |  | <b>3 1.0</b> |
| Pigmentation                          |   |  | <b>1 2.0</b> |
| Alveolar Epithelium, Hyperplasia      |   |  | <b>4 1.5</b> |
| .....                                 |   |  |              |
| Nose                                  | + |  | <b>51</b>    |
| Posterior To Upper Incisor, Dysplasia |   |  | <b>6 2.7</b> |
| .....                                 |   |  |              |
| Trachea                               | + |  | <b>50</b>    |

**SPECIAL SENSES SYSTEM**

|                                   |   |  |              |
|-----------------------------------|---|--|--------------|
| Eye                               | + |  | <b>50</b>    |
| Cataract                          |   |  | <b>2 3.5</b> |
| Bilateral, Cataract               |   |  | <b>1 2.0</b> |
| Cornea, Inflammation, Suppurative |   |  | <b>1 4.0</b> |
| Cornea, Ulcer                     |   |  | <b>1 4.0</b> |
| Retina, Degeneration              |   |  | <b>1 4.0</b> |
| .....                             |   |  |              |
| Harderian Gland                   | + |  | <b>50</b>    |
| Cyst                              |   |  | <b>1 4.0</b> |
| Infiltration Cellular, Lymphocyte |   |  | <b>3 1.0</b> |
| Acinus, Degeneration              |   |  | <b>1 1.0</b> |

**URINARY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

| DAY ON TEST                       |           |   |                 |
|-----------------------------------|-----------|---|-----------------|
|                                   |           | 0 |                 |
|                                   |           | 7 |                 |
|                                   |           | 4 |                 |
|                                   |           | 0 |                 |
| .....                             |           |   |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |           | 0 |                 |
| <b>MICE MALE</b>                  |           | 1 |                 |
|                                   |           | 2 |                 |
|                                   | ANIMAL ID | 4 |                 |
| <b>AZT-L/3TC-L to 0</b>           |           | 2 |                 |
|                                   |           |   | <b>* TOTALS</b> |
| Kidney                            | +         |   | <b>50</b>       |
| Amyloid Deposition                |           |   | <b>1 4.0</b>    |
| Infiltration Cellular, Lymphocyte |           |   | <b>3 1.0</b>    |
| Nephropathy                       | 1         |   | <b>42 1.3</b>   |
| .....                             |           |   |                 |
| Urinary Bladder                   | +         |   | <b>50</b>       |
| Infiltration Cellular, Lymphocyte |           |   | <b>8 1.0</b>    |
| Lumen, Dilatation                 |           |   | <b>2 2.5</b>    |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 105

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 0 | 3 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 |
|   | 6 | 7 | 2 | 5 | 5 | 7 | 9 | 1 | 3 | 3 | 6 | 7 | 7 | 7 | 6 | 9 | 9 | 0 | 1 | 0 | 3 | 3 | 3 | 3 |
|   | 8 | 8 | 6 | 5 | 5 | 4 | 1 | 7 | 6 | 6 | 9 | 1 | 1 | 0 | 6 | 4 | 9 | 4 | 2 | 7 | 3 | 3 | 3 | 3 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 |
|   | 0 | 3 | 3 | 6 | 6 | 8 | 0 | 5 | 5 | 5 | 8 | 8 | 9 | 9 | 0 | 3 | 7 | 8 | 9 | 9 | 8 | 8 | 8 | 5 |
|   | 9 | 4 | 9 | 4 | 5 | 7 | 7 | 4 | 8 | 9 | 2 | 8 | 4 | 7 | 2 | 8 | 5 | 2 | 2 | 3 | 4 | 5 | 6 | 5 |
| <b>AZTH/3TCH/NVPH/0</b>                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

males  
(cont...)

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus                                       | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder                                     | + | A | A | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum                          | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon                          | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum                         | M | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum                       | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum<br>Hyperplasia, Lymphoid | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum                        | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver   | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   | X |   |   |   |   | X |   |
| Basophilic Focus, Multiple                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Cyst Multilocular                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |
| Infiltration Cellular, Lymphocyte               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |
| Inflammation, Chronic                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |
| Necrosis  | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |
| Tension Lipidosis                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 1 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|   | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | males<br>(cont...) |  |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|--|
|   | 0<br>0<br>6<br>8 | 0<br>3<br>7<br>8 | 0<br>4<br>2<br>6 | 0<br>5<br>5<br>5 | 0<br>5<br>7<br>4 | 0<br>5<br>9<br>1 | 0<br>5<br>7<br>7 | 0<br>6<br>9<br>1 | 0<br>6<br>3<br>6 | 0<br>6<br>3<br>6 | 0<br>6<br>7<br>1 | 0<br>6<br>7<br>1 | 0<br>6<br>7<br>1 | 0<br>6<br>7<br>1 | 0<br>6<br>7<br>1 | 0<br>6<br>9<br>0 | 0<br>6<br>9<br>4 | 0<br>7<br>9<br>4 | 0<br>7<br>1<br>2 | 0<br>7<br>0<br>7 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>3 | 0<br>7<br>3<br>4 | 0<br>7<br>3<br>3 |                    |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                  |  |
| <b>AZTH/3TCH/NVPH/0</b>                         | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                  |  |
|   | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                  |  |
| ANIMAL ID                                       | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                  |  |
|   | 0                | 3                | 3                | 6                | 6                | 8                | 0                | 5                | 5                | 8                | 8                | 9                | 9                | 0                | 3                | 7                | 8                | 9                | 9                | 8                | 8                | 8                | 5                | 5                | 5                | 5                  |  |
|   | 9                | 4                | 9                | 4                | 5                | 7                | 7                | 4                | 8                | 9                | 2                | 8                | 4                | 7                | 2                | 8                | 5                | 2                | 2                | 3                | 4                | 5                | 6                | 5                | 6                |                    |  |

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Vacuolization Cytoplasmic  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Mesentery Necrosis   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Pancreas Infiltration Cellular, Lymphocyte Acinus, Degeneration  | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |
|  |   |   |   | 1 |   |   | 1 |   |   |   | 1 |   |   |   |   |   |   | 1 |   |   |   |   | 1 |   |  |  |
| Salivary Glands Infiltration Cellular, Lymphocyte Mineralization | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |
|  |   |   |   | 2 | 1 | 1 | 2 | 2 | 1 | 1 |   | 2 |   |   | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |  |  |
|  |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Stomach, Forestomach Epithelium, Hyperplasia                     | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |
|  |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Stomach, Glandular Epithelium, Hyperplasia                       | + | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |
|  |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   | 2 |  |  |

**CARDIOVASCULAR SYSTEM**

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Blood Vessel                       | + | M | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Heart Inflammation, Chronic Active | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
|                                    |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 107

**TDMS No.** 20311 - 01  
**Test Type:** CHRONIC  
**Route:** IN-UTERO  
**Species/Strain:** MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number:** AIDSTHERAPEU

**Date Report Requested:** 06/29/2009  
**Time Report Requested:** 16:30:06  
**First Dose M/F:** 07/10/03 / NA  
**Lab:** NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 0 | 3 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|                                   | 6 | 7 | 2 | 5 | 5 | 7 | 9 | 1 | 3 | 3 | 6 | 7 | 7 | 7 | 6 | 9 | 9 | 0 | 1 | 0 | 3 | 3 | 3 | 3 | 3 | 3 |   |
|                                   | 8 | 8 | 6 | 5 | 5 | 4 | 1 | 7 | 6 | 6 | 9 | 1 | 1 | 0 | 6 | 4 | 9 | 4 | 2 | 7 | 3 | 3 | 3 | 3 | 4 | 3 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                                   | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 5 | 5 | 5 |   |
| <b>AZTH/3TCH/NVPH/0</b>           | 0 | 3 | 3 | 6 | 6 | 8 | 0 | 5 | 5 | 5 | 8 | 8 | 9 | 9 | 0 | 3 | 7 | 8 | 9 | 9 | 8 | 8 | 8 | 8 | 5 | 5 |   |
|                                   | 9 | 4 | 9 | 4 | 5 | 7 | 7 | 4 | 8 | 9 | 2 | 8 | 4 | 7 | 2 | 8 | 5 | 2 | 2 | 3 | 4 | 5 | 6 | 5 | 6 |   |   |

**males  
(cont...)**

**ENDOCRINE SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex                    | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |
| Depletion                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |
| Hypertrophy                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Subcapsular, Hyperplasia          |   |   |   |   | 1 | 1 | 1 |   | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   | 1 | 1 | 1 | 1 |   | 2 | 2 |   |
| Adrenal Medulla                   | + | A | A | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Islets, Pancreatic                | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland                 | M | A | A | M | + | + | + | + | + | + | M | + | + | + | + | M | M | + | M | M | M | M | M | M | M | + |
| Pituitary Gland                   | M | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Hyperplasia        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thyroid Gland                     | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |
| Follicle, Cyst                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Follicle, Degeneration            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |

**GENERAL BODY SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
Test Type: CHRONIC  
Route: IN-UTERO  
Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
Time Report Requested: 16:30:06  
First Dose M/F: 07/10/03 / NA  
Lab: NCTR

| DAY ON TEST                                     | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|   | 0 3 4 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ANIMAL ID                                       | 6 7 2 5 5 7 9 1 3 3 6 7 7 7 6 9 9 0 1 0 3 3 3 3 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 8 8 6 5 5 4 1 7 6 6 9 1 1 0 6 4 9 4 2 7 3 3 3 4 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 0 0 0 0 0 0 1 1 1 1 1 1 1 1 2 2 2 2 2 4 4 4 5 5   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 0 3 3 6 6 8 0 5 5 5 8 8 9 9 0 3 7 8 9 9 8 8 8 5 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 9 4 9 4 5 7 7 4 8 9 2 8 4 7 2 8 5 2 2 3 4 5 6 5 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>AZTH/3TCH/NVPH/0</b>                         |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

males  
(cont...)

**GENITAL SYSTEM**

|                                   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Epididymis                        | + A A + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hypospermia                       |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Penis                             | +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Preputial Gland                   | + A A + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cyst                              | 2 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Degeneration                      | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Infiltration Cellular, Lymphocyte | 2 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Inflammation, Chronic Active      | 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Prostate                          | + A A + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Infiltration Cellular, Lymphocyte | 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seminal Vesicle                   | + + A +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Atrophy                           | 4 4   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lumen, Dilatation                 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Testes                            | + + A +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mineralization                    | 1   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Seminiferous Tubule, Degeneration | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**HEMATOPOIETIC SYSTEM**

|             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow | + A A + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST                              | 0     |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
|--|---|--|--|--|--|--|---|--|--|--|--|--|-------|--|--|-------|--|--|-----|--|--|-------|--|--|--|--|--|
|  | 0 3 4 5 5 5 5 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7 7     |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| ANIMAL ID                                | 6 7 2 5 5 7 9 1 3 3 6 7 7 7 6 9 9 0 1 0 3 3 3 3     |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
|  | 8 8 6 5 5 4 1 7 6 6 9 1 1 0 6 4 9 4 2 7 3 3 3 4 3   |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE     | 0     |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| AZTH/3TCH/NVPH/0                         | 0 0 0 0 0 0 1 1 1 1 1 1 1 2 2 2 2 2 4 4 4 4 5 5     |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
|  | 0 3 3 6 6 8 0 5 5 5 8 8 9 9 0 3 7 8 9 8 8 8 5 5     |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
|  | 9 4 9 4 5 7 7 4 8 9 2 8 4 7 2 8 5 2 2 3 4 5 6 5 6   |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| Hyperplasia                              | 2   |  |  |  |  |  | 3 |  |  |  |  |  | 3     |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| Lymph Node                               |   |  |  |  |  |  |   |  |  |  |  |  | +     |  |  | +     |  |  |     |  |  |       |  |  |  |  |  |
| Inguinal, Hyperplasia, Lymphoid          |   |  |  |  |  |  |   |  |  |  |  |  | 3     |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| Inguinal, Pigmentation                   |   |  |  |  |  |  |   |  |  |  |  |  |       |  |  | 2     |  |  |     |  |  |       |  |  |  |  |  |
| Lumbar, Hyperplasia, Lymphoid            |   |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| Lymph Node, Mandibular                   | + A A +   |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| Hyperplasia, Lymphoid                    |   |  |  |  |  |  |   |  |  |  |  |  |       |  |  | 1     |  |  |     |  |  |       |  |  |  |  |  |
| Necrosis                                 | 2   |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| Pigmentation                             |   |  |  |  |  |  |   |  |  |  |  |  |       |  |  | 2     |  |  |     |  |  |       |  |  |  |  |  |
| Lymph Node, Mesenteric                   | + A A +   |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| Angiectasis                              |   |  |  |  |  |  |   |  |  |  |  |  |       |  |  | 2     |  |  | 2 1 |  |  | 2     |  |  |  |  |  |
| Hemorrhage                               |   |  |  |  |  |  |   |  |  |  |  |  | 2     |  |  | 2 2 1 |  |  | 2   |  |  | 2     |  |  |  |  |  |
| Hyperplasia, Lymphoid                    |   |  |  |  |  |  |   |  |  |  |  |  | 1 3   |  |  | 1 2   |  |  | 2 3 |  |  | 2     |  |  |  |  |  |
| Infiltration Cellular, Histiocyte        |   |  |  |  |  |  |   |  |  |  |  |  |       |  |  | 2     |  |  |     |  |  |       |  |  |  |  |  |
| Infiltration Cellular, Mast Cell         |   |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  | 2   |  |  |       |  |  |  |  |  |
| Infiltration Cellular, Plasma Cell       |   |  |  |  |  |  |   |  |  |  |  |  | 3     |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| Infiltration Cellular, Polymorphonuclear |   |  |  |  |  |  |   |  |  |  |  |  | 3     |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| Necrosis                                 | 2   |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| Sinus, Dilatation                        |   |  |  |  |  |  |   |  |  |  |  |  |       |  |  | 2     |  |  | 2   |  |  |       |  |  |  |  |  |
| Spleen                                   | + A A +   |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |
| Atrophy                                  |   |  |  |  |  |  |   |  |  |  |  |  |       |  |  | 3     |  |  |     |  |  |       |  |  |  |  |  |
| Hematopoietic Cell Proliferation         |   |  |  |  |  |  |   |  |  |  |  |  | 3 2 2 |  |  | 3 3   |  |  | 4 4 |  |  | 2 3 3 |  |  |  |  |  |
| Hyperplasia, Lymphoid                    |   |  |  |  |  |  |   |  |  |  |  |  | 2     |  |  | 1 3 3 |  |  | 2   |  |  | 1 3 2 |  |  |  |  |  |
| Thymus                                   | + A A + + + + + + + + M + M + + M + + + + + M M + + |  |  |  |  |  |   |  |  |  |  |  |       |  |  |       |  |  |     |  |  |       |  |  |  |  |  |

males (cont...)

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

Page 110

TDMS No. 20311 - 01  
Test Type: CHRONIC  
Route: IN-UTERO  
Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
AZT/Drug Combinations Transplacental Carcinogenesis Study  
CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
Time Report Requested: 16:30:06  
First Dose M/F: 07/10/03 / NA  
Lab: NCTR

|                                   |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST                       |  | 0 | 3 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|                                   |  | 6 | 7 | 2 | 5 | 5 | 7 | 9 | 1 | 3 | 3 | 6 | 7 | 7 | 7 | 6 | 9 | 9 | 0 | 1 | 0 | 3 | 3 | 3 | 3 | 3 |   |
|                                   |  | 8 | 8 | 6 | 5 | 5 | 4 | 1 | 7 | 6 | 6 | 9 | 1 | 1 | 0 | 6 | 4 | 9 | 4 | 2 | 7 | 3 | 3 | 3 | 4 | 3 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| <b>MICE MALE</b>                  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| <b>AZTH/3TCH/NVPH/0</b>           |  | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 | 5 | 5 | 5 |   |
| ANIMAL ID                         |  | 0 | 3 | 3 | 6 | 6 | 8 | 0 | 5 | 5 | 5 | 8 | 8 | 9 | 9 | 0 | 3 | 7 | 8 | 9 | 9 | 8 | 8 | 5 | 5 |   |   |
|                                   |  | 9 | 4 | 9 | 4 | 5 | 7 | 7 | 4 | 8 | 9 | 2 | 8 | 4 | 7 | 2 | 8 | 5 | 2 | 2 | 3 | 4 | 5 | 6 | 5 |   |   |
| Atrophy                           |  | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia, Lymphoid             |  | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Necrosis                          |  | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

males  
(cont...)

### INTEGUMENTARY SYSTEM

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland                | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Skin                         | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis                     |   |   |   |   |   |   |   |   |   | 4 | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Suppurative    |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   | 2 |
| Ulcer                        |   |   |   |   |   | 2 |   |   |   |   | 3 |   | 4 |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |

### MUSCULOSKELETAL SYSTEM

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

### NERVOUS SYSTEM

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum   | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|
| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                    |
|                                   | 0 | 3 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |                    |
|                                   | 6 | 7 | 2 | 5 | 5 | 7 | 9 | 1 | 3 | 3 | 6 | 7 | 7 | 7 | 6 | 9 | 9 | 0 | 1 | 0 | 3 | 3 | 3 |                    |
|                                   | 8 | 8 | 6 | 5 | 5 | 4 | 1 | 7 | 6 | 6 | 9 | 1 | 1 | 0 | 6 | 4 | 9 | 4 | 2 | 7 | 3 | 3 | 3 | 0                  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                    |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                    |
|                                   | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 |                    |
| <b>AZTH/3TCH/NVPH/0</b>           | 0 | 3 | 3 | 6 | 6 | 8 | 0 | 5 | 5 | 5 | 8 | 8 | 9 | 9 | 0 | 3 | 7 | 8 | 9 | 9 | 8 | 8 | 8 |                    |
| ANIMAL ID                         | 9 | 4 | 9 | 4 | 5 | 7 | 7 | 4 | 8 | 9 | 2 | 8 | 4 | 7 | 2 | 8 | 5 | 2 | 2 | 3 | 4 | 5 | 6 | males<br>(cont...) |
| Mineralization                    |   |   |   | 1 |   | 1 |   |   |   |   |   |   |   |   | 1 |   |   |   | 1 |   |   |   | 1 | 1                  |

**RESPIRATORY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung<br>Infiltration Cellular, Lymphocyte<br>Alveolar Epithelium, Hyperplasia | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + | + | + | + | + | + | + |
| Nose  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea   | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye   | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland<br>Cyst Multilocular<br>Infiltration Cellular, Lymphocyte | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 4 | + | + |
|   |   |   |   |   |   | 2 | 1 |   |   | 1 |   | 1 |   |   |   |   | 1 |   |   |   |   | 1 |   |

**URINARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney<br>Cyst<br>Infiltration Cellular, Lymphocyte<br>Nephropathy | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + | + | + | + | + | + |
|  |   |   |   |   |   |   | 1 | 1 |   |   |   | 1 |   |   |   |   |   |   | 1 | 1 |   |   |   |
|  |   |   |   | 1 | 1 |   |   | 2 | 1 | 1 | 2 | 1 |   | 1 | 1 | 1 | 2 |   |   | 1 | 2 | 1 | 1 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 112



TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

|                                   |             |       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |
|-----------------------------------|-------------|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------|
|                                   |             | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                        |
|                                   | DAY ON TEST | 0     | 3 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |                        |
|                                   |             | 6     | 7 | 2 | 5 | 5 | 7 | 9 | 1 | 3 | 3 | 6 | 7 | 7 | 7 | 6 | 9 | 9 | 0 | 1 | 0 | 3 | 3 | 3 | 3 |                        |
|                                   |             | 8     | 8 | 6 | 5 | 5 | 4 | 1 | 7 | 6 | 6 | 9 | 1 | 1 | 0 | 6 | 4 | 9 | 4 | 2 | 7 | 3 | 3 | 3 | 4 |                        |
|                                   |             | ..... |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |             | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                        |
| <b>MICE MALE</b>                  |             | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                        |
|                                   | ANIMAL ID   | 0     | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 5 |                        |
| <b>AZTH/3TCH/NVPH/0</b>           |             | 0     | 3 | 3 | 6 | 6 | 8 | 0 | 5 | 5 | 5 | 8 | 8 | 9 | 9 | 0 | 3 | 7 | 8 | 9 | 9 | 8 | 8 | 8 | 5 |                        |
|                                   |             | 9     | 4 | 9 | 4 | 5 | 7 | 7 | 4 | 8 | 9 | 2 | 8 | 4 | 7 | 2 | 8 | 5 | 2 | 2 | 3 | 4 | 5 | 6 | 5 | <b>males (cont...)</b> |
|                                   |             | ..... |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |
| Urinary Bladder                   |             | +     | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |                        |
| Infiltration Cellular, Lymphocyte |             |       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |                        |
| Lumen, Dilatation                 |             |       |   |   | 4 |   | 3 |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |                        |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| DAY ON TEST                             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               | 0 |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7               | 7 |   |
|   | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 3 | 4 | 3 | 3 | 3               | 3 |   |
|   | 7 | 7 | 4 | 8 | 8 | 8 | 0 | 2 | 2 | 2 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 6 | 1 | 0 | 8 | 9 | 8               | 8 |   |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               | 0 |   |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               | 1 |   |
|   | 6 | 6 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2               | 2 |   |
|   | 0 | 0 | 5 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 1 | 5 | 5 | 5 | 8 | 2 | 2 | 4 | 4 | 7               | 8 | 8 |
| AZTH/3TCH/NVPH/0                        | 4 | 5 | 8 | 1 | 2 | 3 | 3 | 6 | 7 | 8 | 1 | 0 | 1 | 2 | 5 | 6 | 7 | 1 | 0 | 3 | 3 | 4 | 9 | 0               | 1 |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |   |   |

ALIMENTARY SYSTEM

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |   |    |  |  |              |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|---|----|--|--|--------------|
| Esophagus                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | + | 48 |  |  |              |
| Gallbladder                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | + | 47 |  |  |              |
| Intestine Large, Cecum            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | + | 48 |  |  |              |
| Intestine Large, Colon            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | + | 48 |  |  |              |
| Intestine Large, Rectum           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | + | 47 |  |  |              |
| Intestine Small, Duodenum         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | + | 48 |  |  |              |
| Intestine Small, Ileum            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | + | 48 |  |  |              |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |   |    |  |  |              |
| Intestine Small, Jejunum          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | + | 48 |  |  |              |
| Liver                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | + | 48 |  |  |              |
| Basophilic Focus                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>4</b>     |   |    |  |  |              |
| Basophilic Focus, Multiple        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>     |   |    |  |  |              |
| Cyst Multilocular                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b> |   |    |  |  |              |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b> |   |    |  |  |              |
| Inflammation, Chronic             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b> |   |    |  |  |              |
| Necrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.5</b> |   |    |  |  |              |
| Tension Lipidosis                 | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   | 1 |   |   | 1 | 2 |              |   | 2  |  |  | <b>8 1.5</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
l .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked





TDMS No. 20311 - 01  
Test Type: CHRONIC  
Route: IN-UTERO  
Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
AZT/Drug Combinations Transplacental Carcinogenesis Study  
CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
Time Report Requested: 16:30:06  
First Dose M/F: 07/10/03 / NA  
Lab: NCTR

|   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
|   | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |          |
|   |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 |          |
|   |             | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 3 |          |
|   |             | 7 | 7 | 4 | 8 | 8 | 8 | 0 | 2 | 2 | 2 | 5 | 6 | 6 | 6 | 6 | 6 | 0 | 6 | 1 | 0 | 8 | 9 | 8 |          |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |          |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |          |
|   |             | 6 | 6 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |          |
| AZTH/3TCH/NVPH/0                        |             | 4 | 5 | 8 | 1 | 2 | 3 | 3 | 6 | 7 | 8 | 1 | 0 | 1 | 2 | 5 | 6 | 7 | 1 | 0 | 3 | 3 | 4 | 9 | * TOTALS |

**GENITAL SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |        |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|--------|
| Epididymis                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | 48 |        |
| Hypospermia                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 3  | 1 3.0  |
| Penis                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    | 1      |
| Preputial Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |    |        |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 3  | 5 2.4  |
| Degeneration                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2  | 14 2.6 |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 4  | 1 2.0  |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1  | 2 1.5  |
| Prostate                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |    |        |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1  | 3 1.3  |
| Seminal Vesicle                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |    |        |
| Atrophy                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 3  | 1 3.0  |
| Lumen, Dilatation                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2  | 3 3.3  |
| Testes                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |    |        |
| Mineralization                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2  | 1 1.0  |
| Seminiferous Tubule, Degeneration |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 3  | 4 2.3  |

**HEMATOPOIETIC SYSTEM**

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked  
Page 117



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        | 0 |
| DAY ON TEST                             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7        | 7 |
|   | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 3 | 4 | 3 | 3        | 3 |
|   | 7 | 7 | 4 | 8 | 8 | 8 | 0 | 2 | 2 | 2 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 6 | 1 | 0 | 8 | 9        | 8 |
| .....                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |   |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        | 0 |
| ANIMAL ID                               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 1 |
|   | 6 | 6 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2        | 2 |
| AZTH/3TCH/NVPH/0                        | 0 | 0 | 5 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 1 | 5 | 5 | 5 | 8 | 2 | 2 | 4 | 4        | 7 |
|   | 4 | 5 | 8 | 1 | 2 | 3 | 3 | 6 | 7 | 8 | 1 | 0 | 1 | 2 | 5 | 6 | 7 | 1 | 0 | 3 | 3 | 4 | 9        | 0 |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * TOTALS |   |

|                       |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |  |   |  |   |           |            |            |
|-----------------------|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|--|---|--|---|-----------|------------|------------|
| Atrophy               | 3 | 2 | 2 | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 3 | 2 |  |   |  | 2 | <b>17</b> | <b>2.6</b> |            |
| Hyperplasia, Lymphoid |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |  | 2 |  |   |           | <b>1</b>   | <b>2.0</b> |
| Necrosis              |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |   |  |   |  |   | <b>1</b>  | <b>3.0</b> |            |

### INTEGUMENTARY SYSTEM

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |            |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|------------|
| Mammary Gland                | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M        | 0          |
| Skin                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        | 48         |
| Fibrosis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b> | <b>3.5</b> |
| Inflammation, Suppurative    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b> | <b>2.5</b> |
| Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3</b> | <b>2.0</b> |
| Ulcer                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>5</b> | <b>2.6</b> |
| Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b> | <b>2.0</b> |

### MUSCULOSKELETAL SYSTEM

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

### NERVOUS SYSTEM

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Brain, Cerebrum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
Test Type: CHRONIC  
Route: IN-UTERO  
Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
AZT/Drug Combinations Transplacental Carcinogenesis Study  
CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
Time Report Requested: 16:30:06  
First Dose M/F: 07/10/03 / NA  
Lab: NCTR

| DAY ON TEST                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |          |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
|                                      | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |          |
|                                      | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 3 |   |          |
|                                      | 7 | 7 | 4 | 8 | 8 | 8 | 0 | 2 | 2 | 2 | 5 | 6 | 6 | 6 | 6 | 6 | 0 | 6 | 1 | 0 | 8 | 9 | 8 | 8 |   |          |
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |          |
|                                      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |          |
|                                      | 6 | 6 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |          |
| AZTH/3TCH/NVPH/0                     | 0 | 0 | 5 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 1 | 5 | 5 | 5 | 8 | 2 | 2 | 4 | 4 | 7 | 8 | 8        |
|                                      | 4 | 5 | 8 | 1 | 2 | 3 | 3 | 6 | 7 | 8 | 1 | 0 | 1 | 2 | 5 | 6 | 7 | 1 | 0 | 3 | 3 | 4 | 9 | 0 | 1 | * TOTALS |
| Mineralization                       | 1 |   |   |   |   | 1 |   | 1 |   |   |   |   |   | 1 |   | 1 | 1 |   |   | 1 |   | 1 |   |   |   | 15 1.0   |

**RESPIRATORY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |       |  |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|--|
| Lung                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |       |  |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   | 1 |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |    | 3 1.7 |  |
| Alveolar Epithelium, Hyperplasia  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |    | 1 1.0 |  |
| Nose                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | 49    |  |
| Trachea                           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | 47    |  |

**SPECIAL SENSES SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |       |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Eye                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |       |
| Harderian Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |       |
| Cyst Multilocular                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1 4.0 |
| Infiltration Cellular, Lymphocyte |   |   |   | 1 |   |   |   | 1 |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |    | 9 1.1 |

**URINARY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |        |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|
| Kidney                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |        |
| Cyst                              |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |    | 3 2.3  |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   | 1 |   |   |   |   |   |   |    | 7 1.0  |
| Nephropathy                       |   | 1 | 1 |   | 1 |   | 1 |   | 1 | 2 | 1 |   |   | 1 |   |   | 1 |   | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |    | 32 1.2 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked  
Page 120



**TDMS No.** 20311 - 01  
**Test Type:** CHRONIC  
**Route:** IN-UTERO  
**Species/Strain:** MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number:** AIDSTHERAPEU

**Date Report Requested:** 06/29/2009  
**Time Report Requested:** 16:30:06  
**First Dose M/F:** 07/10/03 / NA  
**Lab:** NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               |
|   | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 3 | 4 | 3 | 3 | 3               |
|   | 7 | 7 | 4 | 8 | 8 | 8 | 0 | 2 | 2 | 2 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | 6 | 1 | 0 | 8 | 9 | 8               |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |
|   | 6 | 6 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |                 |
| <b>AZTH/3TCH/NVPH/0</b>                     | 0 | 0 | 5 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 5 | 5 | 5 | 8 | 2 | 2 | 4 | 4 | 7 |                 |
|   | 4 | 5 | 8 | 1 | 2 | 3 | 3 | 6 | 7 | 8 | 1 | 0 | 1 | 2 | 5 | 6 | 7 | 1 | 0 | 3 | 3 | 4 | 9 |                 |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |
| Urinary Bladder                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b>       |
| Infiltration Cellular, Lymphocyte           |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   | 1 |   |   |   |   |   |   | <b>7</b>        |
| Lumen, Dilatation                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1.0</b>      |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3</b>        |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3.7</b>      |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
|   | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |  |  |
|   | 0 | 5 | 6 | 6 | 9 | 1 | 6 | 8 | 8 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |  |  |
|   | 2 | 3 | 3 | 8 | 7 | 3 | 6 | 2 | 6 | 7 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 |  |  |
| .....                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |
|   | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |  |  |
| <b>AZTM/3TCM/NVPM/0</b>                     | 5 | 7 | 7 | 8 | 0 | 3 | 0 | 2 | 3 | 6 | 7 | 1 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 5 | 5 | 5 | 6 | 6 |   |  |  |
| <b>ANIMAL ID</b>                            | 0 | 6 | 8 | 3 | 9 | 8 | 5 | 6 | 7 | 9 | 9 | 4 | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 7 | 8 | 9 | 0 | 1 | 2 |  |  |

males (cont...)

ALIMENTARY SYSTEM

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus  | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder  | A | A | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid        | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon                                 | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum                                | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum                              | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum<br>Inflammation, Chronic Active | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 |
| Intestine Small, Jejunum<br>Hyperplasia, Lymphoid      | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 4 |
| Liver  | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus                                       |   |   |   |   | X |   | X |   | X |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Eosinophilic Focus                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |
| Hepatodiaphragmatic Nodule                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Tension Lipidosis                                      |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   | 2 |   |   |   |   |   | 1 | 2 | 1 |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked  
Page 122

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 0 | 5 | 6 | 6 | 9 | 1 | 6 | 8 | 8 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 2 | 3 | 3 | 8 | 7 | 3 | 6 | 2 | 6 | 7 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| <b>AZTM/3TCM/NVPM/0</b>                     | 5 | 7 | 7 | 8 | 0 | 3 | 0 | 2 | 3 | 6 | 7 | 1 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 5 | 5 | 5 | 6 | 6 | 6 |
|   | 0 | 6 | 8 | 3 | 9 | 8 | 5 | 6 | 7 | 9 | 9 | 4 | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 7 | 8 | 9 | 0 | 1 | 2 |

males  
(cont...)

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vacuolization Cytoplasmic                              | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pancreas   | M | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte Acinus, Degeneration |   |   |   |   |   |   |   |   |   |   |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   | 1 |
| Salivary Glands  | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte                      |   |   |   |   | 1 | 1 |   | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 |   | 2 | 1 |   | 1 | 1 | 2 | 1 | 1 | 2 |
| Stomach, Forestomach                                   | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular                                     | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**CARDIOVASCULAR SYSTEM**

|              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart        | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**ENDOCRINE SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex                                | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule Hypertrophy |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X | X |   |   |   |   |   |
| Subcapsular, Hyperplasia                      |   |   | 1 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 1 |   | 1 | 2 | 1 | 1 | 1 | 1 | 2 |   | 1 | 1 | 1 |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

| DAY ON TEST   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
| ANIMAL ID   | 0 | 5 | 6 | 6 | 9 | 1 | 6 | 8 | 8 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |
|   | 2 | 3 | 3 | 8 | 7 | 3 | 6 | 2 | 6 | 7 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| <b>AZTM/3TCM/NVPM/0</b>                             | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |   |
|   | 5 | 7 | 7 | 8 | 0 | 3 | 0 | 2 | 3 | 6 | 7 | 1 | 3 | 3 | 3 | 8 | 8 | 8 | 5 | 5 | 5 | 6 | 6 |   |
|   | 0 | 6 | 8 | 3 | 9 | 8 | 5 | 6 | 7 | 9 | 9 | 4 | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 7 | 8 | 9 | 0 |   |
| Adrenal Medulla                                     | A | A | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Islets, Pancreatic Hyperplasia                      | M | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
|   |   |   | 2 |   |   |   |   |   |   |   | 1 |   |   | 3 |   | 2 |   |   |   | 1 |   |   |   |   |
| Parathyroid Gland Infiltration Cellular, Lymphocyte | A | A | + | + | + | + | M | + | + | + | + | + | + | + | + | + | M | M | + | M | M | M | + | M |
| Pituitary Gland Pars Distalis, Hyperplasia          | A | M | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Thyroid Gland Follicle, Degeneration                | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |   |
|   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

males (cont...)

### GENERAL BODY SYSTEM

NONE

### GENITAL SYSTEM

Coagulating Gland  
Lumen, Dilatation

+  
3

Epididymis  
Hypospermia  
Infiltration Cellular, Lymphocyte  
Inflammation, Chronic Active  
Mineralization

A A +

3  
2

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST                                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|   | 0 | 5 | 6 | 6 | 9 | 1 | 6 | 8 | 8 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |
|   | 2 | 3 | 3 | 8 | 7 | 3 | 6 | 2 | 6 | 7 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |   |
| ANIMAL ID                                       | 5 | 7 | 7 | 8 | 0 | 3 | 0 | 2 | 3 | 6 | 7 | 1 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 5 | 5 | 6 | 6 | 6 |   |
| <b>AZTM/3TCM/NVPM/0</b>                         | 0 | 6 | 8 | 3 | 9 | 8 | 5 | 6 | 7 | 9 | 9 | 4 | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 7 | 8 | 9 | 0 | 1 | 2 |

males  
(cont...)

Spermatocoele  
Duct, Degeneration

Preputial Gland  
Cyst  
Degeneration  
Inflammation, Suppurative  
Inflammation, Chronic Active

Prostate  
Infiltration Cellular, Lymphocyte

Seminal Vesicle  
Lumen, Dilatation

Testes  
Seminiferous Tubule, Degeneration

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|   |   |   | 3 |   |   | 3 | 3 |   | 2 | 3 |   | 2 | 2 | 4 |   | 3 | 2 |   | 3 |   |   |   | 3 | 2 |
|   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |
| M | A | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |
| A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|   |   |   |   |   |   |   |   | 1 |   |   |   | 1 |   | 1 |   | 3 |   |   |   |   |   | 2 |   | 1 |

**HEMATOPOIETIC SYSTEM**

Bone Marrow  
Hyperplasia

Lymph Node  
Axillary, Hyperplasia, Lymphoid  
Inguinal, Hyperplasia, Lymphoid  
Lumbar, Hyperplasia, Lymphoid  
Renal, Hyperplasia, Lymphoid

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 0 | 5 | 6 | 6 | 9 | 1 | 6 | 8 | 8 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 2 | 3 | 3 | 8 | 7 | 3 | 6 | 2 | 6 | 7 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| <b>AZTM/3TCM/NVPM/0</b>                     | 5 | 7 | 7 | 8 | 0 | 3 | 0 | 2 | 3 | 6 | 7 | 1 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 5 | 5 | 5 | 6 | 6 | 6 |
|   | 0 | 6 | 8 | 3 | 9 | 8 | 5 | 6 | 7 | 9 | 9 | 4 | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 7 | 8 | 9 | 0 | 1 | 2 |

males (cont...)

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mandibular Hemorrhage                        | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid Infiltration Cellular, Plasma Cell |   |   | 2 |   |   | 1 | 2 |   | 2 | 2 |   | 2 | 1 | 1 |   | 1 |   | 1 |   |   |   |   |   |   |   |
| Lymph Node, Mesenteric Angiectasis                       | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemorrhage   |   |   | 3 |   |   |   |   |   |   |   |   |   |   | 1 | 1 | 3 |   |   |   |   |   | 2 |   |   | 1 |
| Hyperplasia, Lymphoid Infiltration Cellular, Histocyte   |   |   |   |   |   | 2 | 2 |   |   |   | 2 |   | 2 |   |   |   | 2 | 2 | 3 |   |   |   | 2 | 3 | 1 |
| Infiltration Cellular, Plasma Cell                       |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thrombosis   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Sinus, Dilatation  |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |
| Spleen Hematopoietic Cell Proliferation                  | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid                                    |   |   | 4 | 2 |   | 3 |   |   | 3 | 3 | 2 |   |   |   |   | 2 | 3 |   |   |   |   |   |   | 2 |   |
| Thymus Atrophy   | A | A | M | + | + | + | + | + | M | + | + | + | M | M | + | + | M | + | + | + | + | + | + | + | + |
|  |   |   |   |   |   | 2 |   | 2 |   | 4 | 3 |   |   |   | 3 |   |   | 2 |   | 4 |   | 3 |   | 3 |   |

INTEGUMENTARY SYSTEM

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland                     | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Skin Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

|                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                      | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                      | 0 | 5 | 6 | 6 | 9 | 1 | 6 | 8 | 8 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                                      | 2 | 3 | 3 | 8 | 7 | 3 | 6 | 2 | 6 | 7 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                      | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| AZTM/3TCM/NVPM/0                     | 5 | 7 | 7 | 8 | 0 | 3 | 0 | 2 | 3 | 6 | 7 | 1 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 5 | 5 | 5 | 6 | 6 |
| ANIMAL ID                            | 0 | 6 | 8 | 3 | 9 | 8 | 5 | 6 | 7 | 9 | 9 | 4 | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 7 | 8 | 9 | 0 | 1 |

males (cont...)

Epithelium, Hyperplasia

### MUSCULOSKELETAL SYSTEM

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

### NERVOUS SYSTEM

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum   | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mineralization    |   |   |   |   |   |   | 1 |   | 1 | 1 |   | 1 | 1 |   | 1 |   | 1 |   | 1 | 1 |   | 1 | 1 |   |

### RESPIRATORY SYSTEM

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung                                  | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Crystals                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |
| Infiltration Cellular, Histiocyte     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte     |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |
| Nose                                  | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Posterior To Upper Incisor, Dysplasia |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 | 4 |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 127

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 0 | 5 | 6 | 6 | 9 | 1 | 6 | 8 | 8 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 2 | 3 | 3 | 8 | 7 | 3 | 6 | 2 | 6 | 7 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| <b>AZTM/3TCM/NVPM/0</b>                         | 5 | 7 | 7 | 8 | 0 | 3 | 0 | 2 | 3 | 6 | 7 | 1 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 5 | 5 | 5 | 6 | 6 | 6 |
|   | 0 | 6 | 8 | 3 | 9 | 8 | 5 | 6 | 7 | 9 | 9 | 4 | 5 | 6 | 7 | 8 | 7 | 8 | 9 | 7 | 8 | 9 | 0 | 1 | 2 |

males  
(cont...)

Trachea A A +

**SPECIAL SENSES SYSTEM**

Eye Degeneration A A +

Harderian Gland Infiltration Cellular, Lymphocyte A A +

**URINARY SYSTEM**

Kidney Cyst Infiltration Cellular, Lymphocyte A A +

Nephropathy 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1 1 2 1

Pelvis, Dilatation 2 1

Urinary Bladder Infiltration Cellular, Lymphocyte A A +

Lumen, Dilatation 1 3 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|   | 7 | 7 | 7 | 7 | 3 | 0 | 0 | 9 | 7 | 2 | 2 | 9 | 2 | 2 | 2 | 1 | 6 | 5 | 5 | 6 | 6 | 6 | 6 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| <b>AZTM/3TCM/NVPM/0</b>                         | 0 | 0 | 0 | 0 | 5 | 6 | 4 | 4 | 4 | 6 | 1 | 1 | 6 | 7 | 7 | 1 | 1 | 1 | 5 | 5 | 6 | 6 | 6 |
|   | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 5 | 4 | 5 | 6 | 7 | 3 | 4 | 5 | 8 | 9 | 0 | 1 |
| <b>* TOTALS</b>                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |             |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Esophagus  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47          |
| Gallbladder  | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44          |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid        | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45<br>1 2.0 |
| Intestine Large, Colon                                 | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45          |
| Intestine Large, Rectum                                | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45          |
| Intestine Small, Duodenum                              | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45          |
| Intestine Small, Ileum<br>Inflammation, Chronic Active | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45<br>1 2.0 |
| Intestine Small, Jejunum<br>Hyperplasia, Lymphoid      | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45<br>1 4.0 |
| Liver  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47          |
| Basophilic Focus                                       |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 5           |
| Eosinophilic Focus                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | 2           |
| Hepatodiaphragmatic Nodule                             |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   | 1           |
| Infiltration Cellular, Lymphocyte                      |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   | 1 |   |   | 1 |   |   |   |   |   | 4 1.0       |
| Tension Lipidosis                                      |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   | 1 |   | 1 |   |   | 2 | 1 | 11 1.5      |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST  | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|
|  | 7   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
| ANIMAL ID  | 3 3 3 3 3 4 4 3 3 4 4 3 4 4 4 4 4 4 4 4 4   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
|  | 7 7 7 7 3 0 0 9 7 2 2 9 2 2 2 1 6 5 5 6 6 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b>                            |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
| ANIMAL ID  | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
|  | 6 6 6 6 6 7 7 7 8 8 8 9 9 9 9 1 1 1 1 1 1   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
| <b>AZTM/3TCM/NVPM/O</b>  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
| ANIMAL ID  | 0 0 0 0 0 4 4 4 6 1 1 6 7 7 7 1 1 1 5 5 6 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
|  | 6 7 8 9 0 1 2 3 3 4 5 5 4 5 6 7 3 4 5 8 9 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
|  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>* TOTALS</b>                           |  |
| Vacuolization Cytoplasmic  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>1 2.0</b>                              |  |
| Pancreas   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>45</b>                                 |  |
| Infiltration Cellular, Lymphocyte Acinus, Degeneration                 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>4 1.0</b><br><b>3 1.3</b>              |  |
| Salivary Glands  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>45</b>                                 |  |
| Infiltration Cellular, Lymphocyte                                      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>35 1.3</b>                             |  |
| Stomach, Forestomach   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>45</b>                                 |  |
| Stomach, Glandular   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>45</b>                                 |  |
| <b>CARDIOVASCULAR SYSTEM</b>   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
| Blood Vessel   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>47</b>                                 |  |
| Heart  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>47</b>                                 |  |
| <b>ENDOCRINE SYSTEM</b>  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |  |
| Adrenal Cortex   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>45</b>                                 |  |
| Accessory Adrenal Cortical Nodule Hypertrophy Subcapsular, Hyperplasia |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>4</b><br><b>2 1.5</b><br><b>37 1.4</b> |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 130

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

|                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |  |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|--|
| DAY ON TEST             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |                 |  |
|                         | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |                 |  |
|                         | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |                 |  |
|                         | 7 | 7 | 7 | 7 | 3 | 0 | 0 | 9 | 7 | 2 | 2 | 9 | 2 | 2 | 2 | 1 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 |                 |  |
| .....                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |  |
| ANIMAL ID               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |  |
|                         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |                 |  |
|                         | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |                 |  |
|                         | 0 | 0 | 0 | 5 | 6 | 4 | 4 | 4 | 6 | 1 | 1 | 6 | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 5 | 5 | 6 | 6 | 6 |   |                 |  |
| <b>AZTM/3TCM/NVPM/0</b> | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 5 | 4 | 5 | 6 | 7 | 3 | 4 | 5 | 8 | 9 | 0 | 1 |   |   | <b>* TOTALS</b> |  |

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |              |              |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|--------------|
| Adrenal Medulla  | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         | <b>44</b>    |              |
| Islets, Pancreatic<br>Hyperplasia                      | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         | <b>45</b>    | <b>9 1.6</b> |
| Parathyroid Gland<br>Infiltration Cellular, Lymphocyte | M | + | M | + | M | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | M | + | + | <b>33</b> | <b>2 1.0</b> |              |
| Pituitary Gland<br>Pars Distalis, Hyperplasia          | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         | <b>44</b>    | <b>2 2.5</b> |
| Thyroid Gland<br>Follicle, Degeneration                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +         | <b>45</b>    | <b>3 2.0</b> |

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |              |              |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|--------------|
| Coagulating Gland<br>Lumen, Dilatation |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           | <b>1</b>     | <b>1 3.0</b> |
| Epididymis<br>Hypospermia              | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b> | <b>1 3.0</b> |              |
| Infiltration Cellular, Lymphocyte      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3</b>  | <b>3 2.3</b> |              |
| Inflammation, Chronic Active           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  | <b>1 2.0</b> |              |
| Mineralization                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>4</b>  | <b>1 4.0</b> |              |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                             |           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               | 0 | 0 | 0 |
|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|---|
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE | ANIMAL ID | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               | 7 | 7 |   |
|   |           | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4               | 4 | 4 |   |
| AZTM/3TCM/NVPM/0                        |           | 7 | 7 | 7 | 7 | 3 | 0 | 0 | 9 | 7 | 2 | 2 | 9 | 2 | 2 | 2 | 1 | 6 | 5 | 5 | 6 | 6               | 6 | 6 |   |
|   |           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               | 0 | 0 |   |
|   |           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1               | 1 | 1 |   |
|   |           | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1               | 1 | 1 |   |
|   |           | 0 | 0 | 0 | 5 | 6 | 4 | 4 | 4 | 6 | 1 | 1 | 6 | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 5 | 5               | 6 | 6 |   |
|   |           | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 5 | 4 | 5 | 6 | 7 | 3 | 4 | 5 | 8 | 9               | 0 | 1 |   |
|   |           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |   |   |   |

|                                   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-----------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Spermatocele                      |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Duct, Degeneration                |  |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|                                   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Preputial Gland                   |  | + | + | + | + | + | + | + | + | A | + | + | + | + | + | M | + | + | + | + | + | + | + |  |
| Cyst                              |  | 2 | 2 |   | 2 |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |  |
| Degeneration                      |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Inflammation, Suppurative         |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Inflammation, Chronic Active      |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|                                   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Prostate                          |  | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Infiltration Cellular, Lymphocyte |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|                                   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Seminal Vesicle                   |  | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Lumen, Dilatation                 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|                                   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Testes                            |  | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Seminiferous Tubule, Degeneration |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|                                   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

**HEMATOPOIETIC SYSTEM**

|                                 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow                     |  | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                     |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                 |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node                      |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Axillary, Hyperplasia, Lymphoid |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inguinal, Hyperplasia, Lymphoid |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lumbar, Hyperplasia, Lymphoid   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Renal, Hyperplasia, Lymphoid    |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                             |           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |   |
|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |   |
|   |           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1               | 1 |
| AZTM/3TCM/NVPM/0                        | ANIMAL ID | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1               | 1 |
|   |           | 0 | 0 | 0 | 5 | 6 | 4 | 4 | 4 | 4 | 6 | 1 | 1 | 6 | 7 | 7 | 7 | 1 | 1 | 1 | 5 | 5 | 6               | 6 |
|   |           | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 5 | 4 | 5 | 6 | 7 | 3 | 4 | 5 | 8 | 9 | 0               | 1 |
|   |           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |   |

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Lymph Node, Mandibular             | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |     |
| Hemorrhage                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 2.0 |
| Hyperplasia, Lymphoid              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 13 | 1.4 |
| Infiltration Cellular, Plasma Cell |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  | 1.5 |

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |     |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Lymph Node, Mesenteric             | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |    |     |
| Angiectasis                        | 3 |   |   |   |   |   |   | 3 |   |   |   |   |   | 1 | 3 |   |   |   |   |   |   |   |    | 11 | 2.1 |
| Hemorrhage                         |   |   |   | 1 | 1 |   | 2 |   |   |   |   |   |   | 1 |   | 2 | 3 |   |   | 2 | 2 | 2 |    | 13 | 1.8 |
| Hyperplasia, Lymphoid              |   |   |   | 2 | 2 | 2 | 2 |   |   |   |   | 2 | 2 |   | 2 |   |   |   | 3 | 3 | 2 |   | 2  | 21 | 2.1 |
| Infiltration Cellular, Histiocyte  |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2  | 2.5 |
| Infiltration Cellular, Plasma Cell |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1  | 2.0 |
| Thrombosis                         | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1  | 2.0 |
| Sinus, Dilatation                  | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   | 2 |   |    | 5  | 2.0 |

|                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |    |     |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Spleen                           | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |    |     |
| Hematopoietic Cell Proliferation |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 2  | 8  | 2.6 |
| Hyperplasia, Lymphoid            |   |   |   |   |   | 2 | 2 |   | 1 |   | 2 | 2 | 3 | 4 | 3 |   |   | 2 |   | 2 | 2 | 2 | 2  | 20 | 2.3 |

|         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Thymus  | + | + | M | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | M | M | 37 |     |
| Atrophy |   |   |   | 3 |   | 2 | 2 | 4 |   |   |   |   |   | 2 | 2 |   | 4 |   | 3 | 2 |   | 2 |   | 19 | 2.7 |

**INTEGUMENTARY SYSTEM**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Mammary Gland                | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0  |     |
| Skin                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |     |
| Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 2.0 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|                                   |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST                       | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                   | 7               | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 3               | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|                                   | 7               | 7 | 7 | 7 | 3 | 0 | 0 | 9 | 7 | 2 | 2 | 9 | 2 | 2 | 2 | 1 | 6 | 5 | 5 | 6 | 6 | 6 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID                         | 6               | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 |
| <b>AZTM/3TCM/NVPM/0</b>           | 0               | 0 | 0 | 5 | 6 | 4 | 4 | 4 | 6 | 1 | 1 | 6 | 7 | 7 | 7 | 1 | 1 | 1 | 5 | 5 | 6 | 6 |
|                                   | 6               | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 5 | 4 | 5 | 6 | 7 | 3 | 4 | 5 | 8 | 9 | 0 |
|                                   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Epithelium, Hyperplasia 2 **1 2.0**

**MUSCULOSKELETAL SYSTEM**

Bone, Femur + **48**

**NERVOUS SYSTEM**

Brain, Brain Stem + **47**

Brain, Cerebellum + **47**

Brain, Cerebrum  
 Mineralization + **47**  
**27 1.0**

**RESPIRATORY SYSTEM**

Lung + + + + + + + + A + + + + + + + + + + + + + + + **45**

Crystals **1 3.0**  
 Infiltration Cellular, Histiocyte **1 3.0**  
 Infiltration Cellular, Lymphocyte 2 **2 1.5**  
 Alveolar Epithelium, Hyperplasia **2 2.5**

Nose + + + + + + + + A + + + + + + + + + + + + + + + **46**  
 Posterior To Upper Incisor, Dysplasia **2 4.0**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
Test Type: CHRONIC  
Route: IN-UTERO  
Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
Time Report Requested: 16:30:06  
First Dose M/F: 07/10/03 / NA  
Lab: NCTR

| DAY ON TEST                                     |           | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |               |           |  |  |
|---|-----------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---------------|-----------|--|--|
|   |           | 7               | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7             | 7             |           |  |  |
|   |           | 3               | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4             | 4             |           |  |  |
|   |           | 7               | 7 | 7 | 7 | 3 | 0 | 0 | 9 | 7 | 2 | 2 | 9 | 2 | 2 | 2 | 1 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6             | 6             |           |  |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | ANIMAL ID | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0             | 0         |  |  |
| <b>AZTM/3TCM/NVPM/0</b>                         |           | 6               | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1             | 1             | 1         |  |  |
|   |           | 0               | 0 | 0 | 0 | 5 | 6 | 4 | 4 | 4 | 6 | 1 | 1 | 6 | 7 | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 5 | 6 | 6 |   |   |   |   |   |   |   |   |               |               |           |  |  |
|   |           | 6               | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 5 | 4 | 5 | 6 | 7 | 3 | 4 | 5 | 8 | 9 | 0 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |               |               |           |  |  |
|   |           | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |               |           |  |  |
| Trachea   |           | +               | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             | +             | <b>45</b> |  |  |
| <b>SPECIAL SENSES SYSTEM</b>                    |           |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |               |           |  |  |
| Eye   |           | +               | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             | <b>45</b>     |           |  |  |
| Degeneration                                    |           |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 4.0</b>  |           |  |  |
| Harderian Gland                                 |           | +               | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             | <b>45</b>     |           |  |  |
| Infiltration Cellular, Lymphocyte               |           |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1             | <b>2 1.5</b>  |           |  |  |
| <b>URINARY SYSTEM</b>                           |           |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |               |           |  |  |
| Kidney  |           | +               | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             | <b>45</b>     |           |  |  |
| Cyst  |           |                 |   |   |   |   | 2 |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>3 1.7</b>  |           |  |  |
| Infiltration Cellular, Lymphocyte               |           |                 | 2 |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |               | <b>9 1.2</b>  |           |  |  |
| Nephropathy                                     |           | 1               |   | 1 | 1 | 1 | 1 | 1 | 1 |   |   |   | 1 | 1 | 1 | 1 | 1 |   |   |   |   |   | 1 | 1 |   |   |   |   |   | 1 | 1 |   |   |   |   |   |   | <b>31 1.1</b> |               |           |  |  |
| Pelvis, Dilatation                              |           |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 2.0</b>  |           |  |  |
| Urinary Bladder                                 |           | +               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             | <b>46</b>     |           |  |  |
| Infiltration Cellular, Lymphocyte               |           | 1               | 2 |   |   |   | 1 |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>11 1.3</b> |           |  |  |
| Lumen, Dilatation                               |           |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 3.0</b>  |           |  |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 2 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 0 | 8 | 5 | 6 | 7 | 8 | 9 | 9 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 1 | 1 | 2 | 6 | 2 | 7 | 3 | 3 | 6 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 4 | 1 | 1 | 7 | 7 | 8 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 |
| <b>AZTL/3TCL/NVPL/0</b>                     | 9 | 3 | 5 | 6 | 8 | 9 | 5 | 3 | 3 | 2 | 8 | 9 | 0 | 1 | 0 | 1 | 2 | 3 | 2 | 3 | 4 | 5 | 9 | 0 | 1 |   |
| ANIMAL ID                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

males  
(cont...)

**ALIMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder  | M | + | A | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 |
| Intestine Large, Colon   | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum<br>Infiltration Cellular, Polymorphonuclear<br>Epithelium, Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 |
| Intestine Small, Ileum<br>Infiltration Cellular, Polymorphonuclear<br>Inflammation, Suppurative  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 |
| Intestine Small, Jejunum<br>Hyperplasia, Lymphoid  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 |
| Liver<br>Basophilic Focus<br>Basophilic Focus, Multiple  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



**TDMS No.** 20311 - 01  
**Test Type:** CHRONIC  
**Route:** IN-UTERO  
**Species/Strain:** MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number:** AIDSTHERAPEU

**Date Report Requested:** 06/29/2009  
**Time Report Requested:** 16:30:06  
**First Dose M/F:** 07/10/03 / NA  
**Lab:** NCTR

| DAY ON TEST                          | 0   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                      | 2 4 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ANIMAL ID                            | 0 8 5 6 7 8 9 9 0 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                      | 1 1 2 6 2 7 3 3 6 6 2 2 2 2 3 3 3 3 2 4 1 1 7 7 8 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | 0   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AZTL/3TCL/NVPL/0                     | 0 0 1 2 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                      | 1 4 7 0 1 3 4 5 8 2 7 7 8 8 9 9 0 6 6 6 0 1 6 6   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                      | 9 3 5 6 8 9 5 3 3 3 8 9 0 1 0 1 2 3 2 3 4 5 9 0 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Cholangiofibrosis                    |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Eosinophilic Focus                   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Focal Cellular Change                |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte    |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active         |   |   |   |   |   |   |   |   |   |   |   | 4 |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Necrosis                             |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Tension Lipidosis                    |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |
| Vacuolization Cytoplasmic            | 2   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Oval Cell, Hyperplasia               |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mesentery                            |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pancreas                             | +   | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |   |   |
| Cyst                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Cytoplasmic Alteration               |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Edema                                | 2   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte    |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active         |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Acinus, Degeneration                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Salivary Glands                      | +   | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |   |   |
| Infiltration Cellular, Lymphocyte    |   |   |   |   |   |   |   |   |   |   |   | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 1 |
| Stomach, Forestomach                 | +   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |   |   |
| Hyperkeratosis                       |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Ulcer                                | 2   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epithelium, Hyperplasia              | 2   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Stomach, Glandular                   | +   | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |   |   |   |

males (cont...)

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 137

TDMS No. 20311 - 01  
Test Type: CHRONIC  
Route: IN-UTERO  
Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
Time Report Requested: 16:30:06  
First Dose M/F: 07/10/03 / NA  
Lab: NCTR

|             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 2 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|             | 0 | 8 | 5 | 6 | 7 | 8 | 9 | 9 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|             | 1 | 1 | 2 | 6 | 2 | 7 | 3 | 3 | 6 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 4 | 1 | 1 | 7 | 7 |

---

|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>AZTL/3TCL/NVPL/0</b>                     | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| ANIMAL ID                                   | 1 | 4 | 7 | 0 | 1 | 3 | 4 | 5 | 8 | 2 | 7 | 7 | 8 | 8 | 9 | 9 | 9 | 0 | 6 | 6 | 6 | 0 | 1 |   |
|   | 9 | 3 | 5 | 6 | 8 | 9 | 5 | 3 | 3 | 3 | 8 | 9 | 0 | 1 | 0 | 1 | 2 | 3 | 2 | 3 | 4 | 5 | 9 |   |

---

**males (cont...)**

|   |   |   |
|---|---|---|
| Infiltration Cellular, Polymorphonuclear Inflammation, Chronic Active Epithelium, Hyperplasia Glands, Hyperplasia | 2 | 2 |
|   | 3 |   |

**CARDIOVASCULAR SYSTEM**

|                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel            | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart<br>Cardiomyopathy | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1 |   |   |   |   |

**ENDOCRINE SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex<br>Accessory Adrenal Cortical Nodule Hypertrophy Inflammation, Chronic Active Subcapsular, Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 1 | 1 | 2 | 1 | 1 |   |   | 1 | 1 | 1 |   | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 |   | 1 | 1 |
| Adrenal Medulla   | M | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic<br>Hyperplasia   | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   | 2 | 2 |
| Parathyroid Gland<br>Cyst   | + | + | M | + | + | + | + | + | + | + | + | + | M | + | + | M | M | + | + | M | + | + | + |
|   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically M .. Missing tissue 1-4 .. Lesion qualified as:  
x .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate  
I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked

TDMS No. 20311 - 01  
Test Type: CHRONIC  
Route: IN-UTERO  
Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
Time Report Requested: 16:30:06  
First Dose M/F: 07/10/03 / NA  
Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 2 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 0 | 8 | 5 | 6 | 7 | 8 | 9 | 9 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                                   | 1 | 1 | 2 | 6 | 2 | 7 | 3 | 3 | 6 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 4 | 1 | 1 | 7 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID                         | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 |   |
| <b>AZTL/3TCL/NVPL/0</b>           | 1 | 4 | 7 | 0 | 1 | 3 | 4 | 5 | 8 | 2 | 7 | 7 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 6 | 6 | 6 | 0 |   |
|                                   | 9 | 3 | 5 | 6 | 8 | 9 | 5 | 3 | 3 | 3 | 8 | 9 | 0 | 1 | 0 | 1 | 2 | 3 | 2 | 3 | 4 | 5 | 9 |   |

males  
(cont...)

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Pituitary Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |  |
| Pars Distalis, Cyst               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Pars Distalis, Hyperplasia        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Thyroid Gland                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Ectopic Thymus                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |  |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Follicle, Degeneration            |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |  |

**GENERAL BODY SYSTEM**

|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|
| Tissue NOS                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + |   |
| Abdominal, Fibrosis                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Abdominal, Infiltration Cellular,       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Polymorphonuclear                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Abdominal, Inflammation, Granulomatous  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |   |
| Abdominal, Inflammation, Chronic Active |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   | 4 |

**GENITAL SYSTEM**

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Coagulating Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lumen, Dilatation |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epididymis        | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Atrophy           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |
| Fibrosis          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01  
Test Type: CHRONIC  
Route: IN-UTERO  
Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
AZT/Drug Combinations Transplacental Carcinogenesis Study  
CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
Time Report Requested: 16:30:06  
First Dose M/F: 07/10/03 / NA  
Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 2 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|   | 0 | 8 | 5 | 6 | 7 | 8 | 9 | 9 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |   |
|   | 1 | 1 | 2 | 6 | 2 | 7 | 3 | 3 | 6 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 4 | 1 | 1 | 7 | 7 | 8 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| ANIMAL ID                                   | 1 | 4 | 7 | 0 | 1 | 3 | 4 | 5 | 8 | 2 | 7 | 7 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 6 | 6 | 6 | 0 | 1 | 6 |
| <b>AZTL/3TCL/NVPL/0</b>                     | 9 | 3 | 5 | 6 | 8 | 9 | 5 | 3 | 3 | 2 | 8 | 9 | 0 | 1 | 0 | 1 | 2 | 3 | 2 | 3 | 4 | 5 | 9 | 0 | 1 |

males  
(cont...)

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hypospermia   |   |   |   |   | 4 |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte Inflammation, Chronic     |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |
| Inflammation, Chronic Active                                |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |
| Spermatocoele   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Preputial Gland   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst  |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |
| Degeneration  | 4 | 2 |   | 4 | 4 | 3 | 3 | 3 | 4 |   | 3 | 3 | 2 |   | 4 | 4 | 3 |   | 2 |   | 4 |   | 2 | 2 |   |
| Infiltration Cellular, Lymphocyte Inflammation, Suppurative |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   | 2 |   | 1 |   |
| Inflammation, Chronic Active                                |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |
| Prostate  | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Infiltration Cellular, Lymphocyte Inflammation, Suppurative |   |   | 4 |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Seminal Vesicle   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Amyloid Deposition  |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Atrophy   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active                                |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lumen, Dilatation   |   |   | 4 | 2 |   |   |   |   |   | 3 | 2 |   | 2 |   |   |   |   | 3 |   |   |   |   |   | 2 |   |
| Testes  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Seminiferous Tubule, Degeneration                           |   | 2 |   |   | 4 | 1 |   |   | 4 |   |   |   | 1 |   |   |   |   |   |   | 1 |   |   |   |   |   |

HEMATOPOIETIC SYSTEM

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST  | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | males<br>(cont...) |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------|
|  | 2 4 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
|  | 0 8 5 6 7 8 9 9 0 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
|  | 1 1 2 6 2 7 3 3 6 6 2 2 2 2 3 3 3 3 2 4 1 1 7 7 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE            | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
|  | 0 0 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| ANIMAL ID  | 1 4 7 0 1 3 4 5 8 2 7 7 8 8 9 9 9 9 9 9 9 9 9 9   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
|  | 9 3 5 6 8 9 5 3 3 2 8 9 0 1 0 1 2 3 2 3 4 5 9 0 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| AZTL/3TCL/NVPL/0                                   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Bone Marrow Pigmentation                           | +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
|  | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Lymph Node   | + +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Axillary, Hyperplasia, Lymphoid                    | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Axillary, Infiltration Cellular, Plasma Cell       | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Axillary, Infiltration Cellular, Polymorphonuclear | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Inguinal, Hyperplasia, Lymphoid                    | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Inguinal, Infiltration Cellular, Plasma Cell       | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Inguinal, Infiltration Cellular, Polymorphonuclear | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Lumbar, Hyperplasia, Lymphoid                      | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Lumbar, Infiltration Cellular, Plasma Cell         | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Renal, Hyperplasia, Lymphoid                       | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Renal, Infiltration Cellular, Plasma Cell          | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Renal, Infiltration Cellular, Polymorphonuclear    | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Lymph Node, Mandibular                             | M + A +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Hyperplasia, Lymphoid                              | 2 1 2 2 1 1 2 1 2                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Infiltration Cellular, Plasma Cell                 | 3 2 1   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Infiltration Cellular, Polymorphonuclear           | 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Lymph Node, Mesenteric                             | + + A +   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Angiectasis  | 2 1 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Hematopoietic Cell Proliferation                   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Hemorrhage   | 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Hyperplasia, Lymphoid                              | 2 2 2 1 2 2 4 2 3 2 2 3 1                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |
| Infiltration Cellular, Histiocyte                  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                    |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                        |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------|--|
| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                        |  |
|   | 2 | 4 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |                        |  |
|   | 0 | 8 | 5 | 6 | 7 | 8 | 9 | 9 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |                        |  |
|   | 1 | 1 | 2 | 6 | 2 | 7 | 3 | 3 | 6 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 4 | 1 | 1 | 7 | 8                      |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                        |  |
| <b>AZTL/3TCL/NVPL/0</b>                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                        |  |
| ANIMAL ID                                   | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 |                        |  |
|   | 1 | 4 | 7 | 0 | 1 | 3 | 4 | 5 | 8 | 2 | 7 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 6 | 6 | 6 | 0 | 1 | <b>males (cont...)</b> |  |
|   | 9 | 3 | 5 | 6 | 8 | 9 | 5 | 3 | 3 | 3 | 8 | 9 | 0 | 1 | 0 | 1 | 2 | 3 | 2 | 3 | 4 | 5 | 9 |                        |  |

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Infiltration Cellular, Plasma Cell       | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |
| Infiltration Cellular, Polymorphonuclear | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active             |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |
| Sinus, Dilatation                        |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   | 2 |   |   |   |   |   |   |
| Spleen                                   | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Depletion Lymphoid                       | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hematopoietic Cell Proliferation         | 4 |   |   | 4 | 3 |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia, Lymphoid                    |   |   |   |   |   | 3 |   |   |   | 3 | 2 |   |   | 2 | 2 |   |   |   | 1 | 2 |   | 2 | 2 |
| Thymus                                   | + | + | A | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + |
| Atrophy                                  | 4 |   |   |   |   | 3 |   | 4 |   | 2 |   |   | 2 |   | 3 | 3 | 3 |   | 2 | 3 | 2 |   | 2 |
| Infiltration Cellular, Plasma Cell       |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Polymorphonuclear |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active             |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**INTEGUMENTARY SYSTEM**

|               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Skin          | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis      |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |

**MUSCULOSKELETAL SYSTEM**

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 142

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 2 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 0 | 8 | 5 | 6 | 7 | 8 | 9 | 9 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 1 | 1 | 2 | 6 | 2 | 7 | 3 | 3 | 6 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 4 | 1 | 1 | 7 | 8 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| <b>AZTL/3TCL/NVPL/0</b>                         | 1 | 4 | 7 | 0 | 1 | 3 | 4 | 5 | 8 | 2 | 7 | 7 | 8 | 8 | 9 | 9 | 9 | 0 | 6 | 6 | 6 | 0 | 1 | 6 |
| ANIMAL ID                                       | 9 | 3 | 5 | 6 | 8 | 9 | 5 | 3 | 3 | 3 | 8 | 9 | 0 | 1 | 0 | 1 | 2 | 3 | 2 | 3 | 4 | 5 | 9 | 0 |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

males  
(cont...)

**NERVOUS SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem                 | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum                 | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum<br>Mineralization | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|                                   |   |   |   |   |   |   | 1 | 1 | 1 |   |   |   | 1 | 1 | 1 | 1 |   |   |   | 1 | 1 |   | 1 | 1 |

**RESPIRATORY SYSTEM**

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung                                  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Crystals                              |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active          |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   | 1 |   |   |   |
| Nose                                  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Posterior To Upper Incisor, Dysplasia |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   | 3 |
| Trachea                               | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

|     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal   3) Moderate  
 2) Mild     4) Marked

Page 143

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|             | 2 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|             | 0 | 8 | 5 | 6 | 7 | 8 | 9 | 9 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|             | 1 | 1 | 2 | 6 | 2 | 7 | 3 | 3 | 6 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 4 | 1 | 1 | 7 | 7 | 8 |

---

| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE | AZTL/3TCL/NVPL/0 | ANIMAL ID |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0                                       | 0                | 0         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0                                       | 0                | 0         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0                                       | 0                | 1         | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 |
| 1                                       | 4                | 7         | 0 | 1 | 3 | 4 | 5 | 8 | 2 | 7 | 7 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 0 | 6 | 6 | 6 | 0 | 1 |
| 9                                       | 3                | 5         | 6 | 8 | 9 | 5 | 3 | 3 | 3 | 8 | 9 | 0 | 1 | 0 | 1 | 2 | 3 | 2 | 3 | 4 | 5 | 9 | 0 | 1 |

males  
(cont...)

|                                      |  |  |  |  |   |  |  |  |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |
|--------------------------------------|--|--|--|--|---|--|--|--|--|--|---|--|--|--|--|--|--|--|--|---|--|--|--|--|--|
| Cataract                             |  |  |  |  | 4 |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |   |  |  |  |  |  |
| Bilateral, Cataract                  |  |  |  |  |   |  |  |  |  |  |   |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |
| Cornea, Inflammation, Chronic Active |  |  |  |  |   |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |   |  |  |  |  |  |

---

|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Harderian Gland   |  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Infiltration Cellular, Lymphocyte<br>Inflammation, Chronic Active<br>Acinus, Degeneration |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

**URINARY SYSTEM**

|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney  |  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Amyloid Deposition  |  | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Cyst  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Infiltration Cellular, Lymphocyte<br>Inflammation, Chronic Active |  |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Nephropathy   |  | 4 |   |   | 1 | 2 | 2 | 1 | 2 | 4 |   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| Pelvis, Dilatation  |  |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

---

|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Urinary Bladder   |  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte<br>Inflammation, Chronic Active |  |   |   |   |   | 1 | 1 | 1 |   | 4 |   | 1 |   |   |   |   |   |   | 1 |   |   |   |   |   |
| Lumen, Dilatation   |  |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 144



| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               |
|   | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4               |
|   | 0 | 0 | 0 | 9 | 9 | 9 | 5 | 0 | 1 | 1 | 1 | 0 | 4 | 4 | 5 | 6 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6               |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |
|   | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1               |
| <b>AZTL/3TCL/NVPL/0</b>                     | 8 | 9 | 9 | 4 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6               |
| <b>ANIMAL ID</b>                            | 9 | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 0 | 1 | 2 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 5 | <b>* TOTALS</b> |

**ALIMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------|
| Esophagus  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47             |
| Gallbladder  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45             |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47             |
|  |   |   |   | 2 |   |   |   | 2 |   |   |   |   | 2 | 2 | 2 |   |   |   |   |   |   |   |   |   | 6 2.0          |
| Intestine Large, Colon   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47             |
| Intestine Large, Rectum  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47             |
| Intestine Small, Duodenum<br>Infiltration Cellular, Polymorphonuclear<br>Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47             |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   | 1 2.0<br>1 2.0 |
| Intestine Small, Ileum<br>Infiltration Cellular, Polymorphonuclear<br>Inflammation, Suppurative  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47             |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0<br>1 2.0 |
| Intestine Small, Jejunum<br>Hyperplasia, Lymphoid  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47             |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0          |
| Liver<br>Basophilic Focus<br>Basophilic Focus, Multiple  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48             |
|  |   |   |   |   |   |   |   |   |   | X | X |   |   |   |   |   |   |   |   |   | X |   |   |   | 5<br>1         |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----------------|--------|--|--|--|--|---|--|--------|--|--|--|--|--|--|--|--|-------|
|                                   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7  | 7               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
|                                   | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4  | 4               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
|                                   | 0 | 0 | 0 | 9 | 9 | 9 | 5 | 0 | 1 | 1 | 1 | 0 | 4 | 4 | 5 | 6 | 4 | 4 | 4 | 6 | 6 | 6  | 6               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| <b>AZTL/3TCL/NVPL/0</b>           | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1  | 1               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| <b>ANIMAL ID</b>                  | 8 | 9 | 9 | 4 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6  |                 |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
|                                   | 9 | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 2 | 1 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4  | 5               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | <b>* TOTALS</b> |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Cholangiofibrosis                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Eosinophilic Focus                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 4               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Focal Cellular Change             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Infiltration Cellular, Lymphocyte | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |                 |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  | 3 1.3 |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1 4.0           |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Necrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1 4.0           |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Tension Lipidosis                 | 1 |   | 2 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |                 | 1      |  |  |  |  | 1 |  | 10 1.2 |  |  |  |  |  |  |  |  |       |
| Vacuolization Cytoplasmic         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2 1.5           |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Oval Cell, Hyperplasia            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1 2.0           |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Mesentery                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Pancreas                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | +               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Cyst                              | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 47 | 1 4.0           |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Cytoplasmic Alteration            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1 1.0           |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Edema                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1 2.0           |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 3 1.0           |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1 4.0           |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Acinus, Degeneration              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 5 1.4           |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Salivary Glands                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | +               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Infiltration Cellular, Lymphocyte | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 |   | 1 | 2 | 1 | 1 | 1 |   | 1 |   | 1 | 1 | 1 | 1 | 1  | 1               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 47              | 39 1.3 |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Stomach, Forestomach              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | +               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Hyperkeratosis                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 48              | 1 2.0  |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Ulcer                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 1 2.0           |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Epithelium, Hyperplasia           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 2 2.0           |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
| Stomach, Glandular                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +  | +               |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    | 47              |        |  |  |  |  |   |  |        |  |  |  |  |  |  |  |  |       |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               | 7 | 7 |
|   | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4               | 4 | 4 |
|   | 0 | 0 | 0 | 9 | 9 | 9 | 5 | 0 | 1 | 1 | 1 | 0 | 4 | 4 | 5 | 6 | 4 | 4 | 4 | 6 | 6 | 6               | 6 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               | 0 |   |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               | 0 |   |
|   | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               | 0 |   |
| <b>AZTL/3TCL/NVPL/0</b>                         | 8 | 9 | 9 | 4 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 6 | 6 | 6               | 6 |   |
|   | 9 | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 0 | 1 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4               | 5 |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |   |   |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |              |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|--------------|
| Infiltration Cellular, Polymorphonuclear |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>2 2.0</b> |              |
| Inflammation, Chronic Active             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              | <b>1 2.0</b> |
| Epithelium, Hyperplasia                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              | <b>1 2.0</b> |
| Glands, Hyperplasia                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              | <b>1 3.0</b> |

**CARDIOVASCULAR SYSTEM**

|                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Blood Vessel   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>47</b>    |
| Heart          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>47</b>    |
| Cardiomyopathy |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.0</b> |

**ENDOCRINE SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Adrenal Cortex                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>47</b>     |
| Accessory Adrenal Cortical Nodule |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>      |
| Hypertrophy                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3 1.0</b>  |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>  |
| Subcapsular, Hyperplasia          | 1 | 2 |   | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |   |   | 3 | 1 | 2 |   | 2 | 1 | 2 | <b>38 1.4</b> |
| Adrenal Medulla                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>46</b>     |
| Islets, Pancreatic                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>47</b>     |
| Hyperplasia                       | 3 |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>8 1.9</b>  |
| Parathyroid Gland                 | + | + | + | + | + | + | + | M | + | + | M | + | + | + | M | + | + | + | + | M | + | M | + | <b>38</b>     |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b>  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7               | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 4               | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|   | 0               | 0 | 0 | 9 | 9 | 9 | 5 | 0 | 1 | 1 | 1 | 0 | 4 | 4 | 5 | 6 | 4 | 4 | 4 | 6 | 6 | 6 | 6 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 6               | 6 | 6 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| <b>AZTL/3TCL/NVPL/0</b>                         | 8               | 9 | 9 | 4 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 |
|   | 9               | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 0 | 1 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 5 |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Pituitary Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | <b>46</b>    |
| Pars Distalis, Cyst               |   |   | 1 |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.5</b> |
| Pars Distalis, Hyperplasia        |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b> |
| Thyroid Gland                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b>    |
| Ectopic Thymus                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>     |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   | 1 |   |   |   | <b>2 1.0</b> |
| Follicle, Degeneration            |   |   |   | 1 |   |   |   | 1 |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>5 1.6</b> |

**GENERAL BODY SYSTEM**

|  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Tissue NOS   |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>2</b>     |
| Abdominal, Fibrosis                                    |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>1 4.0</b> |
| Abdominal, Infiltration Cellular,<br>Polymorphonuclear |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>1 4.0</b> |
| Abdominal, Inflammation, Granulomatous                 |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>1 4.0</b> |
| Abdominal, Inflammation, Chronic Active                |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>1 4.0</b> |

**GENITAL SYSTEM**

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Coagulating Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>     |
| Lumen, Dilatation |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |
| Epididymis        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>47</b>    |
| Atrophy           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b> |
| Fibrosis          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7             |
|   | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4             |
|   | 0 | 0 | 0 | 9 | 9 | 9 | 5 | 0 | 1 | 1 | 1 | 0 | 4 | 4 | 5 | 6 | 4 | 4 | 4 | 6 | 6 | 6             |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |
| <b>AZTL/3TCL/NVPL/0</b>                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1             |
| ANIMAL ID                                   | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1             |
|   | 8 | 9 | 9 | 4 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 6 | 6 | 6 | 6             |
|   | 9 | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 2 | 1 | 2 | 0 | 1 | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 5             |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |
| Hypospermia                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 4.0</b>  |
| Infiltration Cellular, Lymphocyte           |   |   |   |   | 2 |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   | <b>4 1.5</b>  |
| Inflammation, Chronic                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>  |
| Inflammation, Chronic Active                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>  |
| Spermatocele                                |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   | <b>2 3.5</b>  |
| Preputial Gland                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b>     |
| Cyst  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | <b>3 3.0</b>  |
| Degeneration                                |   | 3 | 2 |   |   |   |   | 4 | 2 |   |   |   |   | 2 | 3 | 4 |   |   | 3 | 2 |   | <b>27 3.0</b> |
| Infiltration Cellular, Lymphocyte           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 2 | <b>3 2.0</b>  |
| Inflammation, Suppurative                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3 1.7</b>  |
| Inflammation, Chronic Active                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 3.0</b>  |
| Prostate                                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>47</b>     |
| Infiltration Cellular, Lymphocyte           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>4 1.3</b>  |
| Inflammation, Suppurative                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>  |
| Seminal Vesicle                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b>     |
| Amyloid Deposition                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>  |
| Atrophy                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |
| Inflammation, Chronic Active                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>  |
| Lumen, Dilatation                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>7 2.6</b>  |
| Testes                                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>47</b>     |
| Seminiferous Tubule, Degeneration           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>10 2.0</b> |

**HEMATOPOIETIC SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST  | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0        |
|--|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|----------|
|  | 7               | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7             | 7        |
|  | 4               | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4             | 4        |
|  | 0               | 0 | 0 | 9 | 9 | 9 | 5 | 0 | 1 | 1 | 1 | 0 | 4 | 4 | 5 | 6 | 4 | 4 | 4 | 6 | 6 | 6             | 6        |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b>    | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             | 0        |
|  | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1             | 1        |
|  | 6               | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1             | 1        |
| <b>AZTL/3TCL/NVPL/0</b>                            | 8               | 9 | 9 | 4 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 6 | 6 | 6             | 6        |
|  | 9               | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 0 | 1 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4             | 5        |
|  | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |          |
| Bone Marrow Pigmentation                           | +               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             | +        |
|  | <b>48</b>       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |          |
|  |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |          |
| Lymph Node   | +               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>3</b> |
| Axillary, Hyperplasia, Lymphoid                    |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |          |
| Axillary, Infiltration Cellular, Plasma Cell       |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |          |
| Axillary, Infiltration Cellular, Polymorphonuclear |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |          |
| Inguinal, Hyperplasia, Lymphoid                    |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |          |
| Inguinal, Infiltration Cellular, Plasma Cell       |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |          |
| Inguinal, Infiltration Cellular, Polymorphonuclear |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |          |
| Lumbar, Hyperplasia, Lymphoid                      |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |          |
| Lumbar, Infiltration Cellular, Plasma Cell         |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |          |
| Renal, Hyperplasia, Lymphoid                       |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |          |
| Renal, Infiltration Cellular, Plasma Cell          |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |          |
| Renal, Infiltration Cellular, Polymorphonuclear    |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |          |
| Lymph Node, Mandibular                             | +               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             | +        |
|  | <b>46</b>       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |          |
| Hyperplasia, Lymphoid                              |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>10 1.4</b> |          |
| Infiltration Cellular, Plasma Cell                 |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3 2.0</b>  |          |
| Infiltration Cellular, Polymorphonuclear           |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>  |          |
| Lymph Node, Mesenteric                             | +               | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             |          |
|  | <b>46</b>       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |          |
| Angiectasis  |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>10 1.8</b> |          |
| Hematopoietic Cell Proliferation                   |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>  |          |
| Hemorrhage   |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>13 1.9</b> |          |
| Hyperplasia, Lymphoid                              |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>29 2.1</b> |          |
| Infiltration Cellular, Histiocyte                  |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 2.0</b>  |          |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked



|                                   |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST                       | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                   | 7               | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 4               | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|                                   | 0               | 0 | 0 | 9 | 9 | 9 | 5 | 0 | 1 | 1 | 1 | 0 | 4 | 4 | 5 | 6 | 4 | 4 | 4 | 6 | 6 | 6 | 6 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID                         | 6               | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| <b>AZTL/3TCL/NVPL/0</b>           | 8               | 9 | 9 | 4 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 |
|                                   | 9               | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 2 | 1 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 5 |
|                                   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

NERVOUS SYSTEM

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |        |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47     |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47     |
| Brain, Cerebrum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47     |
| Mineralization    | 1 | 1 |   |   |   | 1 |   |   |   | 1 |   |   | 1 | 1 | 1 |   |   |   | 1 | 1 |   |   | 20 1.0 |

RESPIRATORY SYSTEM

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |       |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Lung                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47    |
| Crystals                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 4.0 |
| Infiltration Cellular, Lymphocyte     |   |   |   | 1 |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   | 2 1.5 |
| Inflammation, Chronic Active          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 4.0 |
| Alveolar Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 1.0 |
| Nose                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47    |
| Posterior To Upper Incisor, Dysplasia |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 3.0 |
| Trachea                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47    |

SPECIAL SENSES SYSTEM

|     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

Page 152



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|   | 0 | 0 | 0 | 9 | 9 | 9 | 5 | 0 | 1 | 1 | 1 | 0 | 4 | 4 | 5 | 6 | 4 | 4 | 4 | 6 | 6 | 6 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
|   | 8 | 9 | 9 | 4 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 |
| <b>AZTL/3TCL/NVPL/0</b>                     | 9 | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 0 | 1 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4 |

| ANIMAL ID                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * TOTALS |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| Cataract                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 2.5    |
| Bilateral, Cataract                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0    |
| Cornea, Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 1.0    |
| Harderian Gland                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        |
| Infiltration Cellular, Lymphocyte    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 47 1 1.0 |
| Inflammation, Chronic Active         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 2.0    |
| Acinus, Degeneration                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0    |

**URINARY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| Kidney                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        |
| Amyloid Deposition                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 47 1 4.0 |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0    |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 1.5    |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 4.0    |
| Nephropathy                       | 1 | 1 | 1 | 1 |   | 1 | 1 | 1 | 1 | 2 |   | 1 | 1 | 1 |   | 1 | 2 | 1 | 1 | 1 |   |          |
| Pelvis, Dilatation                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 38 1.3   |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 4.0    |
| Urinary Bladder                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 47 7 1.0 |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 4.0    |
| Lumen, Dilatation                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 4.0    |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 153

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 5               | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 4               | 6 | 6 | 7 | 0 | 6 | 7 | 9 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
|                                   | 4               | 8 | 7 | 9 | 1 | 3 | 8 | 2 | 0 | 9 | 3 | 1 | 0 | 5 | 5 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |   |
|                                   | 0               | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 7 | 7 | 7 | 0 | 1 | 1 |   |
| <b>AZTH/3TCH/NFVH/0</b>           | 6               | 8 | 9 | 9 | 2 | 0 | 3 | 4 | 0 | 4 | 4 | 5 | 2 | 6 | 6 |   |
|                                   | 7               | 2 | 1 | 5 | 4 | 9 | 4 | 4 | 7 | 8 | 9 | 0 | 3 | 6 | 7 |   |
|                                   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Esophagus                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15           |
| Gallbladder                       | M | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 13           |
| Intestine Large, Cecum            | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14           |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   | 2 |   |   |   | 1 |   |   | <b>2 1.5</b> |
| Intestine Large, Colon            | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14           |
| Intestine Large, Rectum           | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14           |
| Intestine Small, Duodenum         | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14           |
| Intestine Small, Ileum            | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14           |
| Intestine Small, Jejunum          | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14           |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   | <b>1 2.0</b> |
| Liver                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15           |
| Eosinophilic Focus                |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X | <b>1</b>     |
| Infiltration Cellular, Lymphocyte |   | 1 |   |   |   | 1 |   |   |   |   |   |   | 1 |   |   | <b>3 1.0</b> |
| Pancreas                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15           |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   | <b>1 2.0</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|                                   |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST                       | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                   | 5               | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 4               | 6 | 6 | 7 | 0 | 6 | 7 | 9 | 2 | 3 | 3 | 3 | 4 | 4 | 4 |
|                                   | 4               | 8 | 7 | 9 | 1 | 3 | 8 | 2 | 0 | 9 | 3 | 1 | 0 | 5 | 5 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
|                                   | 0               | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 7 | 7 | 7 | 0 | 1 | 1 |
| ANIMAL ID                         | 6               | 8 | 9 | 9 | 2 | 0 | 3 | 4 | 0 | 4 | 4 | 5 | 2 | 6 | 6 |
| <b>AZTH/3TCH/NFVH/0</b>           | 7               | 2 | 1 | 5 | 4 | 9 | 4 | 4 | 7 | 8 | 9 | 0 | 3 | 6 | 7 |
|                                   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Acinus, Degeneration              | 2 |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.5</b>  |
| Salivary Glands                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b>     |
| Infiltration Cellular, Lymphocyte | 1 | 1 |   | 1 | 1 | 2 | 2 | 2 |   | 1 | 1 | 1 | 1 |   |   | <b>11 1.3</b> |
| Stomach, Forestomach              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b>     |
| Stomach, Glandular                | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | <b>14</b>     |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   | <b>1 2.0</b>  |
| Ulcer                             |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   | <b>1 2.0</b>  |
| Epithelium, Hyperplasia           |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   | <b>1 3.0</b>  |

**CARDIOVASCULAR SYSTEM**

|               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Blood Vessel  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b>    |
| Polyarteritis | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b> |
| Heart         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b>    |
| Polyarteritis | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |

**ENDOCRINE SYSTEM**

|                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Adrenal Cortex           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b>     |
| Subcapsular, Hyperplasia | 1 | 1 | 1 | 1 | 1 |   | 1 | 1 | 2 |   | 2 | 1 |   | 1 | 2 | <b>12 1.3</b> |
| Adrenal Medulla          | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | <b>13</b>     |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

| DAY ON TEST                       | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 5               | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 4               | 6 | 6 | 7 | 0 | 6 | 7 | 9 | 2 | 3 | 3 | 3 | 4 | 4 | 4 |
|                                   | 4               | 8 | 7 | 9 | 1 | 3 | 8 | 2 | 0 | 9 | 3 | 1 | 0 | 5 | 5 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
|                                   | 0               | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 7 | 7 | 7 | 0 | 1 | 1 |
| <b>AZTH/3TCH/NFVH/0</b>           | 6               | 8 | 9 | 9 | 2 | 0 | 3 | 4 | 0 | 4 | 4 | 5 | 2 | 6 | 6 |
|                                   | 7               | 2 | 1 | 5 | 4 | 9 | 4 | 4 | 7 | 8 | 9 | 0 | 3 | 6 | 7 |
|                                   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |              |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|
| Islets, Pancreatic<br>Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b> |              |
|                                   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |           | <b>1 1.0</b> |
| Parathyroid Gland                 | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | <b>13</b> |              |
| Pituitary Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b> |              |
| Thyroid Gland                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b> |              |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |           | <b>1 1.0</b> |
| Polyarteritis                     |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |           | <b>1 2.0</b> |
| Follicle, Cyst                    |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |           | <b>1 2.0</b> |
| Follicle, Degeneration            |   |   |   |   |   |   |   | 2 |   |   |   |   |   | 2 |   |           | <b>2 2.0</b> |

**GENERAL BODY SYSTEM**

|            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| Tissue NOS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>2</b> |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|

**GENITAL SYSTEM**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |              |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|
| Epididymis                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b> |              |
| Hypospermia                  |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |           | <b>1 3.0</b> |
| Polyarteritis                |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |           | <b>1 2.0</b> |
| Preputial Gland              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b> |              |
| Cyst                         |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   | 3 |           | <b>2 2.5</b> |
| Degeneration                 |   |   | 2 |   | 4 |   | 3 |   | 2 | 2 |   | 3 |   |   |   |           | <b>6 2.7</b> |
| Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |           | <b>1 2.0</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 5               | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 4               | 6 | 6 | 7 | 0 | 6 | 7 | 9 | 2 | 3 | 3 | 3 | 4 | 4 | 4 |
|   | 4               | 8 | 7 | 9 | 1 | 3 | 8 | 2 | 0 | 9 | 3 | 1 | 0 | 5 | 5 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
|   | 0               | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 7 | 7 | 7 | 0 | 1 | 1 |
| <b>AZTH/3TCH/NFVH/0</b>                         | 6               | 8 | 9 | 9 | 2 | 0 | 3 | 4 | 0 | 4 | 4 | 5 | 2 | 6 | 6 |
|   | 7               | 2 | 1 | 5 | 4 | 9 | 4 | 4 | 7 | 8 | 9 | 0 | 3 | 6 | 7 |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Prostate                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b>    |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   | 1 | 1 | 2 |   |   |   |   |   | <b>3 1.3</b> |
| Polyarteritis                     |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |
| Seminal Vesicle                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b>    |
| Testes                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b>    |
| Seminiferous Tubule, Degeneration |   |   | 1 |   | 3 |   |   |   |   |   |   |   |   |   |   | <b>2 2.0</b> |

**HEMATOPOIETIC SYSTEM**

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Bone Marrow                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b>    |
| Hyperplasia                        |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   | <b>1 2.0</b> |
| Lymph Node                         |   |   |   |   |   |   |   |   | + |   | + |   |   |   | + | <b>3</b>     |
| Inguinal, Hyperplasia, Lymphoid    |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   | <b>1 2.0</b> |
| Lymph Node, Mandibular             | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>14</b>    |
| Hyperplasia, Lymphoid              | 2 |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   | <b>2 1.5</b> |
| Lymph Node, Mesenteric             | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | <b>14</b>    |
| Angiectasis                        |   |   |   | 2 |   |   | 3 |   | 2 |   |   | 2 |   |   |   | <b>4 2.3</b> |
| Hemorrhage                         |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |
| Hyperplasia, Lymphoid              |   | 2 |   |   | 3 | 3 |   |   | 2 |   |   |   | 3 | 2 |   | <b>6 2.5</b> |
| Infiltration Cellular, Plasma Cell |   |   |   |   | 3 | 4 |   |   |   |   |   |   |   |   |   | <b>2 3.5</b> |
| Polyarteritis                      |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                             | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | * TOTALS |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
|   | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | * TOTALS |
|   | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |
| AZTH/3TCH/NFVH/0                        | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | * TOTALS |
|   | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |
| ANIMAL ID                               | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | * TOTALS |
|   | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |
| ANIMAL ID                               | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | * TOTALS |
|   | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |

|                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |       |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Spleen                           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15    |
| Hematopoietic Cell Proliferation | 4 | 2 |   | 4 | 2 |   | 4 |   | 3 | 3 |   |   |   |   | 4 | 8 3.3 |
| Hyperplasia, Lymphoid            |   | 2 |   |   |   | 2 |   |   |   |   |   | 3 | 2 |   |   | 4 2.3 |
| Thymus                           | + | + | M | + | + | + | + | + | + | + | + | M | M | + | + | 12    |
| Atrophy                          | 3 | 2 |   | 4 |   |   | 2 |   | 3 | 2 |   |   |   | 3 | 2 | 8 2.6 |

**INTEGUMENTARY SYSTEM**

|                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |       |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Mammary Gland                | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0     |
| Skin                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15    |
| Inflammation, Chronic Active |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 3.0 |
| Necrosis                     |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 3.0 |

**MUSCULOSKELETAL SYSTEM**

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

**NERVOUS SYSTEM**

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 158

| DAY ON TEST                                     | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 5               | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 4               | 6 | 6 | 7 | 0 | 6 | 7 | 9 | 2 | 3 | 3 | 3 | 4 | 4 | 4 |
|   | 4               | 8 | 7 | 9 | 1 | 3 | 8 | 2 | 0 | 9 | 3 | 1 | 0 | 5 | 5 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
|   | 0               | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 7 | 7 | 7 | 0 | 1 | 1 |
| ANIMAL ID                                       | 6               | 8 | 9 | 9 | 2 | 0 | 3 | 4 | 0 | 4 | 4 | 5 | 2 | 6 | 6 |
| <b>AZTH/3TCH/NFVH/0</b>                         | 7               | 2 | 1 | 5 | 4 | 9 | 4 | 4 | 7 | 8 | 9 | 0 | 3 | 6 | 7 |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b>    |
| Mineralization  |   |   |   |   |   |   |   |   | 1 |   |   |   |   | 1 | 1 | <b>3 1.0</b> |
| Polyarteritis   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |

**RESPIRATORY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Lung                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b>    |
| Crystals                          |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b> |
| Infiltration Cellular, Histiocyte |   |   | 4 |   |   |   |   |   |   |   |   |   | 1 |   |   | <b>2 2.5</b> |
| Infiltration Cellular, Lymphocyte |   |   |   |   | 2 | 1 |   |   |   | 1 |   |   |   |   |   | <b>3 1.3</b> |
| Alveolar Epithelium, Hyperplasia  |   |   |   |   |   |   |   |   |   |   |   | 4 | 2 |   |   | <b>2 3.0</b> |
| Nose                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b>    |
| Trachea                           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>15</b>    |

**SPECIAL SENSES SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Eye                               | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | <b>14</b>    |
| Harderian Gland                   | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | <b>14</b>    |
| Foreign Body                      |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   | <b>1</b>     |
| Infiltration Cellular, Lymphocyte |   |   | 1 | 1 |   |   |   |   | 1 |   |   |   |   |   |   | <b>3 1.0</b> |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   | 1 |   | 2 |   |   |   |   |   | <b>2 1.5</b> |

**URINARY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
|                                   | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               |
|                                   | 4 | 6 | 6 | 7 | 0 | 6 | 7 | 9 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4               |
|                                   | 4 | 8 | 7 | 9 | 1 | 3 | 8 | 2 | 0 | 9 | 3 | 1 | 0 | 5 | 5 | 5               |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1               |
|                                   | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 7 | 7 | 7 | 0 | 1 | 1 | 1               |
| ANIMAL ID                         | 6 | 8 | 9 | 9 | 2 | 0 | 3 | 4 | 0 | 4 | 4 | 5 | 2 | 6 | 6 | 6               |
| <b>AZTH/3TCH/NFVH/0</b>           | 7 | 2 | 1 | 5 | 4 | 9 | 4 | 4 | 7 | 8 | 9 | 0 | 3 | 6 | 7 | 7               |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
| Kidney                            | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | +               |
| Infiltration Cellular, Lymphocyte |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |                 |
| Metaplasia, Osseous               |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |                 |
| Nephropathy                       | 3 | 2 | 1 |   |   | 1 |   | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1               |
| Polyarteritis                     |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>14</b>       |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>    |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>    |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>12 1.3</b>   |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>    |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
| Urinary Bladder                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +               |
| Infiltration Cellular, Lymphocyte | 1 |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |                 |
| Polyarteritis                     |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
| Lumen, Dilatation                 |   |   | 3 |   |   |   | 2 |   |   |   |   |   |   |   |   |                 |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>15</b>       |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.0</b>    |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b>    |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 2.5</b>    |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 160

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                      | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                      | 4 | 1 | 6 | 6 | 7 | 7 | 7 | 0 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 |
|                                      | 5 | 7 | 1 | 5 | 3 | 0 | 8 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 1 |
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                      | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 |
| AZTM/3TCM/NFVM/0                     | 6 | 4 | 8 | 9 | 0 | 1 | 1 | 6 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 2 |   |
|                                      | 1 | 3 | 3 | 5 | 7 | 5 | 7 | 2 | 4 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 3 |   |

males  
(cont...)

ALIMENTARY SYSTEM

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder  | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid    | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon                             | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum                            | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum<br>Hyperplasia, Lymphoid | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum<br>Hyperplasia, Lymphoid    | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum                           | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver<br>Basophilic Focus                          | + | + | A | + | + | + | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Clear Cell Focus                                   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Clear Cell Focus, Multiple                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Eosinophilic Focus                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 161

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|  | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|---|
|  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                            |   |
|  | 5           | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |                            |   |
|  | 4           | 1 | 6 | 6 | 7 | 7 | 7 | 0 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 4                          |   |
|  | 5           | 7 | 1 | 5 | 3 | 0 | 8 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 1                          |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b>      | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                          |   |
|  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                          |   |
|  | 0           | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9                          |   |
| <b>AZTM/3TCM/NFVM/0</b>                              | 6           | 4 | 8 | 9 | 0 | 1 | 1 | 6 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 5 | 5 | 6 | 6 | 6 | 2 | <b>males<br/>(cont...)</b> |   |
|  | 1           | 3 | 3 | 5 | 7 | 5 | 7 | 2 | 4 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 |                            | 3 |
| Inflammation, Chronic Active<br>Mixed Cell Focus     |             |   |   |   |   | 1 | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |
| Necrosis   |             |   |   |   |   | 3 | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |
| Tension Lipidosis                                    |             |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |
| Vacuolization Cytoplasmic                            |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |
| Mesentery<br>Fat, Necrosis                           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |
| Pancreas<br>Fibrosis                                 |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |
| Infiltration Cellular, Lymphocyte                    |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |
| Inflammation, Chronic Active<br>Acinus, Degeneration |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |
| Salivary Glands<br>Infiltration Cellular, Lymphocyte |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |
| Stomach, Forestomach<br>Epithelium, Hyperplasia      |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |
| Stomach, Glandular<br>Epithelium, Hyperplasia        |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |

**CARDIOVASCULAR SYSTEM**

|              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 4 | 1 | 6 | 6 | 7 | 7 | 7 | 0 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 4 |
|   | 5 | 7 | 1 | 5 | 3 | 0 | 8 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 1 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 |
| <b>AZTM/3TCM/NFVM/0</b>                         | 6 | 4 | 8 | 9 | 0 | 1 | 1 | 6 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 2 |
| ANIMAL ID                                       | 1 | 3 | 3 | 5 | 7 | 5 | 7 | 2 | 4 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 3 |

males  
(cont...)

Heart + + A +

**ENDOCRINE SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex Hypertrophy Subcapsular, Hyperplasia   | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + |   |
|   |   |   |   |   |   | 1 |   |   | 2 | 1 |   | 1 |   |   | 1 | 2 |   |   |   |   |   | 1 | 1 |   |   |   |
| Adrenal Medulla Hyperplasia   | + | + | A | + | + | + | + | M | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + |   |
| Islets, Pancreatic Hyperplasia  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
|   |   |   |   |   |   |   |   |   | 1 |   |   | 3 | 2 |   |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Parathyroid Gland   | + | + | M | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | M | + | + | M | + |   |
| Pituitary Gland Pars Distalis, Cyst Pars Distalis, Hyperplasia                                      | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |
| Thyroid Gland Infiltration Cellular, Lymphocyte Follicle, Degeneration Follicular Cell, Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
|   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   | 1 |   |   |   |   | 1 |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |

**GENERAL BODY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 163

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|                                   | 4 | 1 | 6 | 6 | 7 | 7 | 7 | 0 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 4 |
|                                   | 5 | 7 | 1 | 5 | 3 | 0 | 8 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 1 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>AZTM/3TCM/NFVM/0</b>           | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 |
| ANIMAL ID                         | 6 | 4 | 8 | 9 | 0 | 1 | 1 | 6 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 5 | 5 | 5 | 6 | 6 | 6 | 2 |
|                                   | 1 | 3 | 3 | 5 | 7 | 5 | 7 | 2 | 4 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 3 |

males (cont...)

Tissue NOS +

**GENITAL SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis                        | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Hypospermia                       |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Preputial Gland                   | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Degeneration                      |   |   |   |   |   | 3 | 4 | 4 | 3 |   |   |   |   | 4 | 3 | 2 | 2 |   | 2 |   | 2 |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   | 2 |   |   |   |   | 4 |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   | 2 |
| Bilateral, Cyst                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |
| Prostate                          | M | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Dilatation                        |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   | 1 |   |   |   | 1 |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Seminal Vesicle                   | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Lumen, Dilatation                 |   |   |   | 2 |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   | 3 |   |   |   |   |   |   |
| Testes                            | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Seminiferous Tubule, Degeneration |   |   |   |   |   |   |   | 2 | 3 |   |   |   | 3 |   |   |   |   |   |   | 2 |   |   |   |   |   |

**HEMATOPOIETIC SYSTEM**

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 164

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 4 | 1 | 6 | 6 | 7 | 7 | 7 | 0 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 4 |
|   | 5 | 7 | 1 | 5 | 3 | 0 | 8 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 1 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 |
| <b>AZTM/3TCM/NFVM/0</b>                     | 6 | 4 | 8 | 9 | 0 | 1 | 1 | 6 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 5 | 5 | 6 | 6 | 6 | 2 |   |
|   | 1 | 3 | 3 | 5 | 7 | 5 | 7 | 2 | 4 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 3 |
| Hyperplasia                                 | 2 |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node Hemorrhage                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inguinal, Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Renal, Hyperplasia, Lymphoid                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mandibular                      | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Hyperplasia, Lymphoid                       |   | 1 |   |   | 1 |   | 1 |   | 2 |   |   |   |   |   |   | 1 | 1 |   |   |   |   | 1 |   |   |   |
| Lymph Node, Mesenteric                      | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |   |
| Angiectasis                                 |   | 1 |   |   |   |   |   |   | 3 |   | 2 |   | 1 | 1 |   |   | 2 |   |   |   |   |   |   |   |   |
| Hemorrhage                                  |   |   |   |   |   |   |   |   | 2 | 2 | 2 | 1 |   |   |   |   | 2 | 3 |   | 2 |   |   |   |   |   |
| Hyperplasia, Lymphoid                       | 2 | 2 |   |   |   |   |   |   |   |   |   | 2 | 2 | 1 |   |   | 3 | 2 |   |   |   | 1 | 1 | 3 | 2 |
| Infiltration Cellular, Histiocyte           |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Mast Cell            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Plasma Cell          |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |
| Thrombosis                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Sinus, Dilatation                           |   |   |   |   |   |   |   |   | 2 | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Spleen                                      | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Accessory Spleen                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hematopoietic Cell Proliferation            |   |   |   | 4 | 4 | 3 |   | 3 | 4 |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia, Lymphoid                       |   | 2 |   |   |   | 2 |   | 3 |   | 2 | 1 |   | 2 | 2 |   |   |   | 2 |   |   |   | 2 | 2 | 4 | 2 |
| Thymus                                      | M | + | A | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M |   |
| Atrophy                                     |   |   |   |   |   | 4 |   | 4 |   |   |   |   | 2 | 2 |   |   | 3 |   |   | 3 |   |   | 2 |   |   |

males (cont...)

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
l .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

Page 165

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|   | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | males<br>(cont...) |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                    |
|   | 5           | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |                    |
|   | 4           | 1 | 6 | 6 | 7 | 7 | 7 | 0 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 4 |                    |
|   | 5           | 7 | 1 | 5 | 3 | 0 | 8 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 1 |                    |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                    |
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                    |
|   | 0           | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 |                    |
| <b>AZTM/3TCM/NFVM/0</b>                         | 6           | 4 | 8 | 9 | 0 | 1 | 1 | 6 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 5 | 5 | 5 | 6 | 6 | 6 | 2 |   |                    |
|   | 1           | 3 | 3 | 5 | 7 | 5 | 7 | 2 | 4 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 3 |                    |

**INTEGUMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland  | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Skin   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |
| Inflammation, Chronic Active Epithelium, Hyperplasia |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |

**MUSCULOSKELETAL SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**NERVOUS SYSTEM**

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Brain, Cerebellum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Brain, Cerebrum   | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Mineralization    |   |   |   |   | 1 | 1 |   |   |   | 1 |   |   |   | 1 |   |   | 1 |   |   |   |   |   |   |   | 1 | 1 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|                                   | 4 | 1 | 6 | 6 | 7 | 7 | 7 | 0 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 4 |
|                                   | 5 | 7 | 1 | 5 | 3 | 0 | 8 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 1 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>AZTM/3TCM/NFVM/0</b>           | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 |
| <b>ANIMAL ID</b>                  | 6 | 4 | 8 | 9 | 0 | 1 | 1 | 6 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 5 | 5 | 5 | 6 | 6 | 6 | 2 |   |
|                                   | 1 | 3 | 3 | 5 | 7 | 5 | 7 | 2 | 4 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 3 |

males  
(cont...)

**RESPIRATORY SYSTEM**

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung                                  | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Congestion                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Crystals                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Histiocyte     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Nose                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Posterior To Upper Incisor, Dysplasia |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Trachea                               | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye                               | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland                   | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Acinus, Degeneration              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**URINARY SYSTEM**

|        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 4 | 1 | 6 | 6 | 7 | 7 | 7 | 0 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 4 |
|                                   | 5 | 7 | 1 | 5 | 3 | 0 | 8 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 1 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                   | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 |
| <b>AZTM/3TCM/NFVM/0</b>           | 1 | 3 | 3 | 5 | 7 | 5 | 7 | 2 | 4 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 3 |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Metaplasia, Osseous               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Nephropathy                       | 1 | 1 |   |   |   |   | 3 |   | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 1 |   |   | 1 |   | 1 |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Urinary Bladder                   | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lumen, Dilatation                 |   |   |   |   | 3 |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

males  
(cont...)

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 168



|   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| DAY ON TEST                             | 0<br>7<br>4<br>1      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>4      | 0<br>7<br>4<br>6      | 0<br>5<br>2<br>0      | 0<br>5<br>8<br>7      | 0<br>5<br>8<br>9      | 0<br>5<br>8<br>9      | 0<br>6<br>8<br>4      | 0<br>6<br>8<br>4      | 0<br>7<br>4<br>0      | 0<br>7<br>4<br>0      | 0<br>7<br>4<br>0      | 0<br>7<br>4<br>0      | 0<br>7<br>3<br>9      | 0<br>7<br>3<br>9      | 0<br>7<br>3<br>9      | 0<br>7<br>3<br>9      | 0<br>7<br>3<br>9      | 0<br>7<br>3<br>7      | 0<br>7<br>3<br>7      | 0<br>7<br>3<br>7      | 0<br>7<br>4<br>0      |                       |                       |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE | 0<br>0<br>9<br>2<br>4 | 0<br>1<br>0<br>2<br>4 | 0<br>1<br>0<br>2<br>5 | 0<br>1<br>0<br>2<br>6 | 0<br>1<br>0<br>2<br>7 | 0<br>1<br>1<br>6<br>8 | 0<br>1<br>1<br>8<br>2 | 0<br>1<br>1<br>8<br>7 | 0<br>1<br>1<br>9<br>9 | 0<br>1<br>1<br>1<br>0 | 0<br>1<br>1<br>2<br>4 | 0<br>1<br>1<br>2<br>5 | 0<br>1<br>1<br>2<br>6 | 0<br>1<br>1<br>2<br>7 | 0<br>1<br>1<br>2<br>8 | 0<br>1<br>1<br>2<br>9 | 0<br>1<br>1<br>2<br>0 | 0<br>1<br>1<br>2<br>4 | 0<br>1<br>1<br>2<br>5 | 0<br>1<br>1<br>2<br>5 | 0<br>1<br>1<br>2<br>5 | 0<br>1<br>1<br>2<br>5 | 0<br>1<br>1<br>2<br>5 | 0<br>1<br>1<br>2<br>6 | 0<br>1<br>1<br>2<br>7 | 0<br>1<br>1<br>2<br>8 | 0<br>1<br>1<br>2<br>6 |
| AZTM/3TCM/NFVM/0                        |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |

males  
(cont...)

ALIMENTARY SYSTEM

|  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Esophagus  | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gallbladder  | + + + + + + A + + + + + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid    | + + + + + + A + + + + + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Intestine Large, Colon                             | + + + + + + A + + + + + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Intestine Large, Rectum                            | + + + + + + A + + + + + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Intestine Small, Duodenum<br>Hyperplasia, Lymphoid | + + + + + + A + + + + + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Intestine Small, Ileum<br>Hyperplasia, Lymphoid    | + + + + + + A + + + + + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Intestine Small, Jejunum                           | + + + + + + A + + + + + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Liver<br>Basophilic Focus                          | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Clear Cell Focus                                   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Clear Cell Focus, Multiple                         |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Eosinophilic Focus                                 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Infiltration Cellular, Lymphocyte                  | 1 1   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

|                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| DAY ON TEST                | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                            | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |  |
|                            | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 8 | 8 | 8 | 8 | 9 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |  |
|                            | 1 | 4 | 4 | 4 | 4 | 6 | 0 | 7 | 9 | 9 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 0 |  |
| .....                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| MICE MALE                  | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
|                            | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
|                            | 2 | 2 | 2 | 2 | 2 | 6 | 8 | 8 | 8 | 8 | 9 | 1 | 1 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 |  |
| AZTM/3TCM/NFVM/0           | 4 | 4 | 5 | 6 | 7 | 8 | 2 | 7 | 9 | 0 | 0 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 6 |  |

males (cont...)

Inflammation, Chronic Active  
Mixed Cell Focus  
Necrosis  
Tension Lipidosis  
Vacuolization Cytoplasmic

2 2 2 1 2 1

Mesentery  
Fat, Necrosis

+  
4

Pancreas  
Fibrosis  
Infiltration Cellular, Lymphocyte  
Inflammation, Chronic Active  
Acinus, Degeneration

+ + + + + + A + + + + + + + + + + + + + + + + + +  
1 1 1  
1

Salivary Glands  
Infiltration Cellular, Lymphocyte

+  
1 1 2 1 1 1 2 1 2 2 1 2 1 1 2 1 1 1 1 1 1 1 1

Stomach, Forestomach  
Epithelium, Hyperplasia

+ +

Stomach, Glandular  
Epithelium, Hyperplasia

+ + + + + + A + + + + + + + + + + + + + + + + + +  
2

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                            | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|                            | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 8 | 8 | 8 | 8 | 9 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |   |
|                            | 1 | 4 | 4 | 4 | 4 | 6 | 0 | 7 | 9 | 9 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 0 |   |
| .....                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE MALE                  | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                            | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| AZTM/3TCM/NFVM/0           | 2 | 2 | 2 | 2 | 2 | 6 | 8 | 8 | 8 | 8 | 9 | 1 | 1 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 |   |
| ANIMAL ID                  | 4 | 4 | 5 | 6 | 7 | 8 | 2 | 7 | 9 | 0 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 6 | 6 | 6 |   |
| .....                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Heart                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

males  
(cont...)

ENDOCRINE SYSTEM

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hypertrophy                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |
| Subcapsular, Hyperplasia          | 2 |   | 1 | 1 | 1 |   | 1 | 1 | 1 | 1 |   | 1 | 2 | 1 | 1 | 2 | 1 |   | 1 | 1 |   |   |   | 1 | 1 | 1 | 1 |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Adrenal Medulla                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Islets, Pancreatic                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                       |   |   |   |   |   |   | 2 | 2 |   |   |   |   |   |   |   |   | 2 |   |   |   | 1 |   |   |   |   |   | 3 |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Parathyroid Gland                 | + | M | + | M | + | M | M | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | M |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pituitary Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Cyst               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pars Distalis, Hyperplasia        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thyroid Gland                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Follicle, Degeneration            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Follicular Cell, Hyperplasia      | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

GENERAL BODY SYSTEM

.....

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 171

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 8 | 8 | 8 | 8 | 9 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
|                                   | 1 | 4 | 4 | 4 | 4 | 6 | 0 | 7 | 9 | 9 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 0 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| <b>AZTM/3TCM/NFVM/0</b>           | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| <b>ANIMAL ID</b>                  | 2 | 2 | 2 | 2 | 2 | 6 | 8 | 8 | 8 | 9 | 1 | 1 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 |
|                                   | 4 | 4 | 5 | 6 | 7 | 8 | 2 | 7 | 9 | 0 | 0 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 6 |

males  
(cont...)

Tissue NOS

**GENITAL SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hypospermia                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Preputial Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst                              | 2 |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |
| Degeneration                      |   |   |   |   |   |   | 2 |   |   | 4 | 3 | 3 |   | 2 |   |   | 2 | 2 | 2 |   |   | 2 |   | 2 |   |
| Inflammation, Chronic Active      | 2 |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   |   |   |
| Bilateral, Cyst                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Prostate                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Dilatation                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   |   |   | 1 |   |   | 2 |   |   | 1 |   | 1 |   | 1 |   |   |   |   |   |   | 1 |   |   |   |   |
| Seminal Vesicle                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lumen, Dilatation                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Testes                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Seminiferous Tubule, Degeneration |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   | 3 |   |   |

**HEMATOPOIETIC SYSTEM**

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST  | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0   |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
|  | 7 7 7 7 7 7 5 5 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|  | 4 4 4 4 4 4 2 8 8 8 8 9 4 4 4 4 3 3 3 3 3 3 3 4   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4   |
|  | 1 4 4 4 4 6 0 7 9 9 4 4 0 0 0 0 9 9 9 9 9 7 7 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE<br>ANIMAL ID | 0   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | males<br>(cont...)  |
|  | 0 1   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|  | 9 0 0 0 0 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|  | 2 2 2 2 6 8 8 8 9 1 1 4 4 4 4 5 5 5 5 5 5 5 5 8   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| AZTM/3TCM/NFVM/0                                     | 4 4 5 6 7 8 2 7 9 0 0 4 5 6 7 8 9 0 1 3 4 5 6 7 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Hyperplasia  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Lymph Node   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | +   |
| Hemorrhage   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1   |
| Inguinal, Hyperplasia, Lymphoid                      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Renal, Hyperplasia, Lymphoid                         |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2   |
| Lymph Node, Mandibular                               |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + + + + + + A + |
| Hyperplasia, Lymphoid                                |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2 2 3 2             |
| Lymph Node, Mesenteric                               |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + + + + + + A + |
| Angiectasis  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 3 1 2             |
| Hemorrhage   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2 2 2 2 1 3 2 3 2 2 2 2 2 2 3 2 2 2 2 2 2 2 2             |
| Hyperplasia, Lymphoid                                |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2 2 2 2 1 3 2 3 2 2 2 2 2 2 3 2 2 2 2 2 2 2 2             |
| Infiltration Cellular, Histiocyte                    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Infiltration Cellular, Mast Cell                     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Infiltration Cellular, Plasma Cell                   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Thrombosis   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3   |
| Sinus, Dilatation                                    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2 2 3   |
| Spleen   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + + + + + + A + |
| Accessory Spleen                                     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Hematopoietic Cell Proliferation                     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X   |
| Hyperplasia, Lymphoid                                |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 2 3 2             |
| Thymus   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + + + + + + A + M |
| Atrophy  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 2 3 2             |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

AZT/Drug Combinations Transplacental Carcinogenesis Study

**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**

**Time Report Requested: 16:30:06**

**First Dose M/F: 07/10/03 / NA**

**Lab: NCTR**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|  | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 8 | 8 | 8 | 8 | 9 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
|  | 1 | 4 | 4 | 4 | 4 | 6 | 0 | 7 | 9 | 9 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 0 |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE<br>ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|  | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
|  | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |
|  | 2 | 2 | 2 | 2 | 2 | 6 | 8 | 8 | 8 | 9 | 1 | 1 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 8 |   |
| AZTM/3TCM/NFVM/0                                     | 4 | 4 | 5 | 6 | 7 | 8 | 2 | 7 | 9 | 0 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 6 |   |

males  
(cont...)

**INTEGUMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland   | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Skin<br>Fibrosis<br>Inflammation, Chronic Active<br>Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**MUSCULOSKELETAL SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**NERVOUS SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum<br>Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|                                   | 1 | 1 | 1 |   |   | 1 |   |   | 1 |   |   |   |   | 1 |   |   | 1 |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 174

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 8 | 8 | 8 | 8 | 9 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
|   | 1 | 4 | 4 | 4 | 4 | 6 | 0 | 7 | 9 | 9 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 0 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| <b>AZTM/3TCM/NFVM/0</b>                     | 2 | 2 | 2 | 2 | 2 | 6 | 8 | 8 | 8 | 9 | 1 | 1 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 |
| ANIMAL ID                                   | 4 | 4 | 5 | 6 | 7 | 8 | 2 | 7 | 9 | 0 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 6 |   |

males  
(cont...)

**RESPIRATORY SYSTEM**

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Congestion                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Crystals                              |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Histiocyte     |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte     |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |
| Alveolar Epithelium, Hyperplasia      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Nose                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Posterior To Upper Incisor, Dysplasia |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Trachea                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | 1 |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Acinus, Degeneration              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**URINARY SYSTEM**

|        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 175

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| DAY ON TEST   | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |  |
|   | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 8 | 8 | 8 | 8 | 9 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 |   |  |
|   | 1 | 4 | 4 | 4 | 4 | 6 | 0 | 7 | 9 | 9 | 4 | 4 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 7 | 0 | 0 |   |  |
| .....   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b><br><b>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| ANIMAL ID   | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
|   | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
| <b>AZTM/3TCM/NFVM/0</b>                               | 2 | 2 | 2 | 2 | 2 | 6 | 8 | 8 | 8 | 9 | 1 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 |  |
|   | 4 | 4 | 5 | 6 | 7 | 8 | 2 | 7 | 9 | 0 | 0 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 6 | 6 | 6 | 6 |  |
| Infiltration Cellular, Lymphocyte                     |   |   |   |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Metaplasia, Osseous                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |  |
| Nephropathy   | 1 | 1 | 1 |   |   | 1 | 1 | 1 | 1 | 2 |   | 3 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| .....   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Urinary Bladder                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Infiltration Cellular, Lymphocyte                     | 1 |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |  |
| Lumen, Dilatation                                     |   |   |   |   |   |   |   |   |   |   |   | 4 | 3 |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |  |

males  
(cont...)

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 176



TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST                       | 0 | 7 | 3 | 9               |
|-----------------------------------|---|---|---|-----------------|
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 |   |   |                 |
| <b>MICE MALE</b>                  | 1 |   |   |                 |
| ANIMAL ID                         | 2 |   |   |                 |
| <b>AZTM/3TCM/NFVM/0</b>           | 8 |   |   |                 |
|                                   | 7 |   |   |                 |
|                                   |   |   |   | <b>* TOTALS</b> |

ALIMENTARY SYSTEM

|                                   |   |  |  |  |              |
|-----------------------------------|---|--|--|--|--------------|
| Esophagus                         | + |  |  |  | <b>50</b>    |
| Gallbladder                       | + |  |  |  | <b>47</b>    |
| Intestine Large, Cecum            | + |  |  |  | <b>48</b>    |
| Hyperplasia, Lymphoid             |   |  |  |  | <b>2 2.0</b> |
| Intestine Large, Colon            | + |  |  |  | <b>48</b>    |
| Intestine Large, Rectum           | + |  |  |  | <b>48</b>    |
| Intestine Small, Duodenum         | + |  |  |  | <b>48</b>    |
| Hyperplasia, Lymphoid             |   |  |  |  | <b>1 3.0</b> |
| Intestine Small, Ileum            | + |  |  |  | <b>48</b>    |
| Hyperplasia, Lymphoid             |   |  |  |  | <b>1 2.0</b> |
| Intestine Small, Jejunum          | + |  |  |  | <b>48</b>    |
| Liver                             | + |  |  |  | <b>50</b>    |
| Basophilic Focus                  |   |  |  |  | <b>3</b>     |
| Clear Cell Focus                  |   |  |  |  | <b>2</b>     |
| Clear Cell Focus, Multiple        |   |  |  |  | <b>1</b>     |
| Eosinophilic Focus                |   |  |  |  | <b>1</b>     |
| Infiltration Cellular, Lymphocyte |   |  |  |  | <b>3 1.0</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 177

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST                       |           |   |                 |
|-----------------------------------|-----------|---|-----------------|
| 0                                 |           |   |                 |
| 7                                 |           |   |                 |
| 3                                 |           |   |                 |
| 9                                 |           |   |                 |
| .....                             |           |   |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |           | 0 |                 |
| <b>MICE MALE</b>                  |           | 1 |                 |
|                                   |           | 2 |                 |
|                                   | ANIMAL ID | 8 |                 |
| <b>AZTM/3TCM/NFVM/0</b>           |           | 7 |                 |
|                                   |           |   | <b>* TOTALS</b> |
| Inflammation, Chronic Active      |           |   | <b>2 1.5</b>    |
| Mixed Cell Focus                  |           |   | <b>1</b>        |
| Necrosis                          |           |   | <b>2 3.0</b>    |
| Tension Lipidosis                 |           |   | <b>7 1.7</b>    |
| Vacuolization Cytoplasmic         |           |   | <b>1 1.0</b>    |
| .....                             |           |   |                 |
| Mesentery                         |           |   | <b>2</b>        |
| Fat, Necrosis                     |           |   | <b>1 4.0</b>    |
| .....                             |           |   |                 |
| Pancreas                          | +         |   | <b>49</b>       |
| Fibrosis                          |           |   | <b>1 4.0</b>    |
| Infiltration Cellular, Lymphocyte |           |   | <b>6 1.0</b>    |
| Inflammation, Chronic Active      |           |   | <b>1 4.0</b>    |
| Acinus, Degeneration              |           |   | <b>4 2.0</b>    |
| .....                             |           |   |                 |
| Salivary Glands                   | +         |   | <b>50</b>       |
| Infiltration Cellular, Lymphocyte | 1         |   | <b>40 1.3</b>   |
| .....                             |           |   |                 |
| Stomach, Forestomach              | +         |   | <b>50</b>       |
| Epithelium, Hyperplasia           |           |   | <b>1 2.0</b>    |
| .....                             |           |   |                 |
| Stomach, Glandular                | +         |   | <b>48</b>       |
| Epithelium, Hyperplasia           |           |   | <b>1 2.0</b>    |

**CARDIOVASCULAR SYSTEM**

|              |   |  |           |
|--------------|---|--|-----------|
| Blood Vessel | + |  | <b>50</b> |
|--------------|---|--|-----------|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

| DAY ON TEST                       | 0 | 7 | 3 | 9               |
|-----------------------------------|---|---|---|-----------------|
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 1 | 2 | 8               |
| <b>MICE MALE</b>                  | 0 | 1 | 2 | 8               |
| <b>AZTM/3TCM/NFVM/0</b>           | 0 | 1 | 2 | 8               |
| ANIMAL ID                         | 7 |   |   |                 |
|                                   |   |   |   | <b>* TOTALS</b> |
| Heart                             | + |   |   | <b>50</b>       |

**ENDOCRINE SYSTEM**

|                                   |   |  |  |           |               |
|-----------------------------------|---|--|--|-----------|---------------|
| Adrenal Cortex                    | + |  |  | <b>49</b> |               |
| Hypertrophy                       |   |  |  |           | <b>2 1.0</b>  |
| Subcapsular, Hyperplasia          | 1 |  |  |           | <b>29 1.2</b> |
| Adrenal Medulla                   | + |  |  | <b>47</b> |               |
| Hyperplasia                       |   |  |  |           | <b>1 2.0</b>  |
| Islets, Pancreatic                | + |  |  | <b>50</b> |               |
| Hyperplasia                       |   |  |  |           | <b>9 2.0</b>  |
| Parathyroid Gland                 | + |  |  | <b>40</b> |               |
| Pituitary Gland                   | + |  |  | <b>50</b> |               |
| Pars Distalis, Cyst               |   |  |  |           | <b>2 1.5</b>  |
| Pars Distalis, Hyperplasia        |   |  |  |           | <b>1 1.0</b>  |
| Thyroid Gland                     | + |  |  | <b>50</b> |               |
| Infiltration Cellular, Lymphocyte |   |  |  |           | <b>1 1.0</b>  |
| Follicle, Degeneration            |   |  |  |           | <b>6 1.2</b>  |
| Follicular Cell, Hyperplasia      |   |  |  |           | <b>1 1.0</b>  |

**GENERAL BODY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 179

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

| DAY ON TEST                       |           |   |                 |
|-----------------------------------|-----------|---|-----------------|
| 0                                 |           |   |                 |
| 7                                 |           |   |                 |
| 3                                 |           |   |                 |
| 9                                 |           |   |                 |
| .....                             |           |   |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |           | 0 |                 |
| <b>MICE MALE</b>                  |           | 1 |                 |
|                                   |           | 2 |                 |
|                                   | ANIMAL ID | 8 |                 |
| <b>AZTM/3TCM/NFVM/0</b>           |           | 7 |                 |
|                                   |           |   | <b>* TOTALS</b> |
| Tissue NOS                        |           |   | <b>1</b>        |

**GENITAL SYSTEM**

|                                   |   |  |           |               |
|-----------------------------------|---|--|-----------|---------------|
| Epididymis                        | + |  | <b>50</b> |               |
| Hypospermia                       |   |  |           | <b>1 2.0</b>  |
| Infiltration Cellular, Lymphocyte |   |  |           | <b>1 1.0</b>  |
| .....                             |   |  |           |               |
| Preputial Gland                   | + |  | <b>50</b> |               |
| Cyst                              |   |  |           | <b>4 2.3</b>  |
| Degeneration                      |   |  |           | <b>20 2.7</b> |
| Inflammation, Chronic Active      |   |  |           | <b>7 2.3</b>  |
| Bilateral, Cyst                   |   |  |           | <b>1 2.0</b>  |
| .....                             |   |  |           |               |
| Prostate                          | + |  | <b>48</b> |               |
| Dilatation                        |   |  |           | <b>2 2.0</b>  |
| Infiltration Cellular, Lymphocyte |   |  |           | <b>9 1.2</b>  |
| .....                             |   |  |           |               |
| Seminal Vesicle                   | + |  | <b>49</b> |               |
| Lumen, Dilatation                 |   |  |           | <b>3 2.3</b>  |
| .....                             |   |  |           |               |
| Testes                            | + |  | <b>49</b> |               |
| Seminiferous Tubule, Degeneration |   |  |           | <b>6 2.5</b>  |

**HEMATOPOIETIC SYSTEM**

|             |   |  |           |  |
|-------------|---|--|-----------|--|
| Bone Marrow | + |  | <b>50</b> |  |
|-------------|---|--|-----------|--|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST                        |           |   |                 |
|------------------------------------|-----------|---|-----------------|
| 0                                  |           |   |                 |
| 7                                  |           |   |                 |
| 3                                  |           |   |                 |
| 9                                  |           |   |                 |
| .....                              |           |   |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b>  |           | 0 |                 |
| <b>MICE MALE</b>                   |           | 1 |                 |
|                                    |           | 2 |                 |
|                                    | ANIMAL ID | 8 |                 |
| <b>AZTM/3TCM/NFVM/0</b>            |           | 7 |                 |
|                                    |           |   | <b>* TOTALS</b> |
| Hyperplasia                        |           |   | <b>2 2.5</b>    |
| .....                              |           |   |                 |
| Lymph Node                         |           |   | <b>3</b>        |
| Hemorrhage                         |           |   | <b>1 1.0</b>    |
| Inguinal, Hyperplasia, Lymphoid    |           |   | <b>1 2.0</b>    |
| Renal, Hyperplasia, Lymphoid       |           |   | <b>1 2.0</b>    |
| .....                              |           |   |                 |
| Lymph Node, Mandibular             | +         |   | <b>49</b>       |
| Hyperplasia, Lymphoid              |           |   | <b>10 1.4</b>   |
| .....                              |           |   |                 |
| Lymph Node, Mesenteric             | +         |   | <b>48</b>       |
| Angiectasis                        |           |   | <b>12 1.8</b>   |
| Hemorrhage                         |           |   | <b>16 2.0</b>   |
| Hyperplasia, Lymphoid              |           |   | <b>31 2.1</b>   |
| Infiltration Cellular, Histiocyte  |           |   | <b>3 2.3</b>    |
| Infiltration Cellular, Mast Cell   |           |   | <b>1 2.0</b>    |
| Infiltration Cellular, Plasma Cell |           |   | <b>3 3.3</b>    |
| Thrombosis                         |           |   | <b>1 3.0</b>    |
| Sinus, Dilatation                  |           |   | <b>5 2.0</b>    |
| .....                              |           |   |                 |
| Spleen                             | +         |   | <b>49</b>       |
| Accessory Spleen                   |           |   | <b>1</b>        |
| Hematopoietic Cell Proliferation   |           |   | <b>10 3.1</b>   |
| Hyperplasia, Lymphoid              |           |   | <b>24 2.1</b>   |
| .....                              |           |   |                 |
| Thymus                             | +         |   | <b>44</b>       |
| Atrophy                            |           |   | <b>14 2.6</b>   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST                       |           |   |                 |
|-----------------------------------|-----------|---|-----------------|
| 0                                 |           |   |                 |
| 7                                 |           |   |                 |
| 3                                 |           |   |                 |
| 9                                 |           |   |                 |
| .....                             |           |   |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |           | 0 |                 |
| <b>MICE MALE</b>                  |           | 1 |                 |
|                                   |           | 2 |                 |
|                                   | ANIMAL ID | 8 |                 |
| <b>AZTM/3TCM/NFVM/0</b>           |           | 7 |                 |
|                                   |           |   | <b>* TOTALS</b> |

**INTEGUMENTARY SYSTEM**

|                              |   |    |       |
|------------------------------|---|----|-------|
| Mammary Gland                | M | 0  |       |
| Skin                         | + | 51 |       |
| Fibrosis                     |   |    | 1 4.0 |
| Inflammation, Chronic Active |   |    | 1 2.0 |
| Epithelium, Hyperplasia      |   |    | 1 2.0 |

**MUSCULOSKELETAL SYSTEM**

|                 |   |    |  |
|-----------------|---|----|--|
| Bone, Femur     | + | 51 |  |
| Skeletal Muscle |   | 1  |  |

**NERVOUS SYSTEM**

|                   |   |    |        |
|-------------------|---|----|--------|
| Brain, Brain Stem | + | 50 |        |
| Brain, Cerebellum | + | 50 |        |
| Brain, Cerebrum   | + | 50 |        |
| Mineralization    | 1 |    | 17 1.0 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

| DAY ON TEST                       |   |  |                 |
|-----------------------------------|---|--|-----------------|
|                                   | 0 |  |                 |
|                                   | 7 |  |                 |
|                                   | 3 |  |                 |
|                                   | 9 |  |                 |
| .....                             |   |  |                 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 |  |                 |
| <b>MICE MALE</b>                  | 1 |  |                 |
|                                   | 2 |  |                 |
| ANIMAL ID                         | 8 |  |                 |
| <b>AZTM/3TCM/NFVM/0</b>           | 7 |  |                 |
|                                   |   |  | <b>* TOTALS</b> |

**RESPIRATORY SYSTEM**

|                                       |   |  |           |              |
|---------------------------------------|---|--|-----------|--------------|
| Lung                                  | + |  | <b>50</b> |              |
| Congestion                            |   |  |           | <b>1 2.0</b> |
| Crystals                              |   |  |           | <b>2 3.0</b> |
| Infiltration Cellular, Histiocyte     |   |  |           | <b>2 3.0</b> |
| Infiltration Cellular, Lymphocyte     |   |  |           | <b>3 2.0</b> |
| Alveolar Epithelium, Hyperplasia      |   |  |           | <b>1 2.0</b> |
| .....                                 |   |  |           |              |
| Nose                                  | + |  | <b>51</b> |              |
| Posterior To Upper Incisor, Dysplasia |   |  |           | <b>1 2.0</b> |
| .....                                 |   |  |           |              |
| Trachea                               | + |  | <b>49</b> |              |

**SPECIAL SENSES SYSTEM**

|                                   |   |  |           |              |
|-----------------------------------|---|--|-----------|--------------|
| Eye                               | + |  | <b>49</b> |              |
| .....                             |   |  |           |              |
| Harderian Gland                   | + |  | <b>50</b> |              |
| Infiltration Cellular, Lymphocyte |   |  |           | <b>4 1.0</b> |
| Inflammation, Chronic Active      |   |  |           | <b>1 2.0</b> |
| Acinus, Degeneration              |   |  |           | <b>1 3.0</b> |

**URINARY SYSTEM**

|        |   |  |           |  |
|--------|---|--|-----------|--|
| Kidney | + |  | <b>49</b> |  |
|--------|---|--|-----------|--|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

**Date Report Requested: 06/29/2009**  
**Time Report Requested: 16:30:06**  
**First Dose M/F: 07/10/03 / NA**  
**Lab: NCTR**

| DAY ON TEST                       |  | 0 | 7 | 3 | 9 |                 |
|-----------------------------------|--|---|---|---|---|-----------------|
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |  | 0 |   |   |   |                 |
| <b>MICE MALE</b>                  |  | 1 |   |   |   |                 |
| ANIMAL ID                         |  | 2 |   |   |   |                 |
| <b>AZTM/3TCM/NFVM/0</b>           |  | 8 |   |   |   |                 |
|                                   |  | 7 |   |   |   | <b>* TOTALS</b> |
| Infiltration Cellular, Lymphocyte |  |   |   |   |   | <b>3 1.0</b>    |
| Metaplasia, Osseous               |  |   |   |   |   | <b>1 1.0</b>    |
| Nephropathy                       |  | 1 |   |   |   | <b>41 1.3</b>   |
| Urinary Bladder                   |  |   |   |   |   | <b>50</b>       |
| Infiltration Cellular, Lymphocyte |  |   |   |   |   | <b>4 1.0</b>    |
| Lumen, Dilatation                 |  |   |   |   |   | <b>5 3.2</b>    |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 184

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



| DAY ON TEST                             | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 2 | 3 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 4                                       | 9 | 3 | 4 | 9 | 9 | 0 | 7 | 8 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 |
| 4                                       | 1 | 2 | 6 | 4 | 7 | 9 | 7 | 0 | 3 | 7 | 7 | 7 | 7 | 8 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 9 |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| AZTL/3TCL/NFVL/0                        | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ANIMAL ID                               | 2 | 3 | 5 | 6 | 1 | 2 | 3 | 2 | 3 | 7 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 0 | 0 | 0 | 0 | 6 | 1 |   |
|   | 2 | 6 | 8 | 8 | 2 | 9 | 1 | 0 | 5 | 8 | 1 | 2 | 3 | 4 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 5 | 6 | 1 |

males (cont...)

ALIMENTARY SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus                                       | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder                                     | + | A | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid | + | A | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon                          | + | A | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum                         | + | A | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum                       | + | A | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum                          | + | A | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum                        | + | A | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |
| Basophilic Focus, Multiple                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Eosinophilic Focus                              |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | X |   |   |
| Fibrosis  |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte               |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   | 1 |
| Inflammation, Chronic Active                    |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |
| Necrosis  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|                                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |                  |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|------------------|
|                                   | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |                  |
|                                   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |              |                  |
|                                   | 2           | 3 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |              |                  |
|                                   | 4           | 9 | 3 | 4 | 9 | 9 | 0 | 7 | 8 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 |              |                  |
|                                   | 4           | 1 | 2 | 6 | 4 | 7 | 9 | 7 | 0 | 3 | 7 | 7 | 7 | 7 | 8 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |              |                  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |              |                  |
| <b>MICE MALE</b>                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |              |                  |
|                                   | 0           | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 8 |              |                  |
| ANIMAL ID                         | 2           | 3 | 5 | 6 | 1 | 2 | 3 | 2 | 3 | 7 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 1 | <b>males</b> |                  |
| <b>AZTL/3TCL/NFVL/0</b>           | 2           | 6 | 8 | 8 | 2 | 9 | 1 | 0 | 5 | 8 | 1 | 2 | 3 | 4 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 6            | <b>(cont...)</b> |

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Tension Lipidosis                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 1 | 1 |  | 2 | 2 |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Vacuolization Cytoplasmic         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Pancreas                          | + | A | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Fibrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Acinus, Degeneration              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Salivary Glands                   | + | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Stomach, Forestomach              | + | A | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Cyst Epithelial Inclusion         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Stomach, Glandular                | + | A | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Degeneration                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   |
| Necrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |

**CARDIOVASCULAR SYSTEM**

|                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Blood Vessel          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Heart                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cardiomyopathy        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Necrosis              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ventricle, Dilatation |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 2 | 3 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|   | 4 | 9 | 3 | 4 | 9 | 9 | 0 | 7 | 8 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 |   |   |
|   | 4 | 1 | 2 | 6 | 4 | 7 | 9 | 7 | 0 | 3 | 7 | 7 | 7 | 7 | 8 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 9 |   |   |
| <hr/>                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |   |   |   |
| AZTL/3TCL/NFVL/0                        | 2 | 3 | 5 | 6 | 1 | 2 | 3 | 2 | 3 | 7 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 1 |   |   |   |
|   | 2 | 6 | 8 | 8 | 2 | 9 | 1 | 0 | 5 | 8 | 1 | 2 | 3 | 4 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | 6 |   |   |   |

males  
(cont...)

**ENDOCRINE SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex                    | + | A | + | + | + | A | + | + | A | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hypertrophy                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   | 2 | 1 |   |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Subcapsular, Hyperplasia          |   |   | 1 |   | 2 |   | 1 | 1 |   | 2 | 1 | 1 | 1 | 1 |   | 1 | 2 | 1 |   |   |   | 1 |   | 1 |   | 2 |   |
| Adrenal Medulla                   | + | A | + | + | + | A | + | M | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic                | + | A | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |
| Parathyroid Gland                 | + | A | + | + | M | + | + | + | A | + | M | + | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + |
| Pituitary Gland                   | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Cyst               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pars Distalis, Hyperplasia        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |
| Thyroid Gland                     | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Follicle, Cyst                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Follicle, Degeneration            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |

**GENERAL BODY SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 2 | 3 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 4 | 9 | 3 | 4 | 9 | 9 | 0 | 7 | 8 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |
|   | 4 | 1 | 2 | 6 | 4 | 7 | 9 | 7 | 0 | 3 | 7 | 7 | 7 | 7 | 8 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |
| <b>AZTL/3TCL/NFVL/0</b>                         | 2 | 3 | 5 | 6 | 1 | 2 | 3 | 2 | 3 | 7 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 1 |
|   | 2 | 6 | 8 | 8 | 2 | 9 | 1 | 0 | 5 | 8 | 1 | 2 | 3 | 4 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 5 | 6 | 1 |

males  
(cont...)

Tissue NOS +

**GENITAL SYSTEM**

Coagulating Gland  
Lumen, Dilatation

Epididymis  
Hypospermia  
Infiltration Cellular, Lymphocyte  
Inflammation, Chronic Active

Preputial Gland  
Cyst  
Degeneration  
Infiltration Cellular, Lymphocyte  
Inflammation, Chronic Active

Prostate  
Infiltration Cellular, Lymphocyte  
Inflammation, Chronic Active

Seminal Vesicle  
Atrophy  
Inflammation, Chronic Active  
Lumen, Dilatation

Testes

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|  | A |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked





| DAY ON TEST                                     | 0  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|   | 2 3 5 5 5 5 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ANIMAL ID                                       | 4 9 3 4 9 9 0 7 8 1 3 3 3 3 3 3 3 3 4 4 4 4 4 4 3 3                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 4 1 2 6 4 7 9 7 0 3 7 7 7 7 8 7 3 0 0 0 0 0 0 5 9                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 0                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 0 0 0 0 1 1 1 2 2 2 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7 8                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 2 3 5 6 1 2 3 7 1 1 1 1 6 6 6 6 0 0 0 0 0 0 0 0 6 1                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|   | 2 6 8 8 2 9 1 0 5 8 1 2 3 4 2 3 4 1 2 3 4 5 6 1 6                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>AZTL/3TCL/NFVL/0</b>                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Brain, Cerebellum                               | + A + + + + + + A + + + + + + + + + + + + + + + + +                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Brain, Cerebrum<br>Mineralization               | + A + + + + + + A + + + + + + + + + + + + + + + + +<br>1 1 1 2 1 1 1 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

males  
(cont...)

**RESPIRATORY SYSTEM**

|                                       |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lung                                  | + + + + + + + + A + + + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Crystals                              |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Infiltration Cellular, Histiocyte     |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Infiltration Cellular, Lymphocyte     | 1 1   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Inflammation, Chronic Active          | 4   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nose                                  | + + + + + + + + A + + + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Posterior To Upper Incisor, Dysplasia | 3 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Trachea                               | + A + + + A + + A + + + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**SPECIAL SENSES SYSTEM**

|                                      |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Eye                                  | + A + + + A + + A + + + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cornea, Inflammation, Chronic Active | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cornea, Ulcer                        | 3   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Harderian Gland                      | + A + + + A + + A + + + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Infiltration Cellular, Lymphocyte    | 1 1   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Inflammation, Chronic Active         | 2 2   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked





TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7               | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 3               | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
|   | 9               | 9 | 9 | 9 | 2 | 2 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 7 | 7 | 7 | 9 | 6 | 6 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0               | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 8               | 8 | 8 | 8 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| <b>AZTL/3TCL/NFVL/0</b>                     | 1               | 1 | 7 | 7 | 7 | 7 | 2 | 2 | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 7               | 8 | 0 | 1 | 8 | 9 | 8 | 9 | 6 | 7 | 8 | 9 | 6 | 7 | 8 | 9 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |              |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|--------------|
| Esophagus                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>47</b>    |              |
| Gallbladder                                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b>    |              |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b>    | <b>1 2.0</b> |
| Intestine Large, Colon                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b>    |              |
| Intestine Large, Rectum                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b>    |              |
| Intestine Small, Duodenum                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b>    |              |
| Intestine Small, Ileum                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b>    |              |
| Intestine Small, Jejunum                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b>    |              |
| Liver   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b>    |              |
| Basophilic Focus                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>     |              |
| Basophilic Focus, Multiple                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>     |              |
| Eosinophilic Focus                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>     |              |
| Fibrosis  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b> |              |
| Infiltration Cellular, Lymphocyte               |   |   |   |   |   |   | 1 |   |   |   |   | 2 |   |   |   |   | 1 | 1 |   |   |   |   |   | <b>6 1.2</b> |              |
| Inflammation, Chronic Active                    |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   | <b>3 2.3</b> |              |
| Necrosis  |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 2.0</b> |              |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                             | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | * TOTALS |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
|   | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |
| ANIMAL ID                               | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |
|   | 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |
|   | 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |
| AZTL/3TCL/NFVL/0                        | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |
|   | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |               |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---------------|
| Tension Lipidosis                 | 1 | 1 |   |   |   | 2 |   |   |   |   |   |   |   |   |   | 2 | 2 | 1 | 2 |   |   |   |   | 1             | <b>13 1.5</b> |
| Vacuolization Cytoplasmic         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1 |   |   |   |   |   |   |               | <b>2 1.0</b>  |
| Pancreas                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             | <b>45</b>     |
| Fibrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 4.0</b>  |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |               | <b>4 1.0</b>  |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>2 4.0</b>  |
| Acinus, Degeneration              | 1 |   |   |   | 2 |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   | 1 | <b>5 1.2</b>  |               |
| Salivary Glands                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>46</b>     |               |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 1 |   | 1 | 1 |   | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |   | 1 | <b>38 1.1</b> |               |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 4.0</b>  |
| Stomach, Forestomach              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b>     |               |
| Cyst Epithelial Inclusion         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 2.0</b>  |
| Stomach, Glandular                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>45</b>     |               |
| Degeneration                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 2.0</b>  |
| Necrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               | <b>1 2.0</b>  |

**CARDIOVASCULAR SYSTEM**

|                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Blood Vessel          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b>    |
| Heart                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b>    |
| Cardiomyopathy        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b> |
| Necrosis              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   | <b>1 1.0</b> |
| Ventricle, Dilatation |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               |
|   | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4               |
|   | 9 | 9 | 9 | 9 | 2 | 2 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 7 | 7 | 7 | 9 | 6 | 6               |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |
|   | 8 | 8 | 8 | 8 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |
| <b>AZTL/3TCL/NFVL/0</b>                         | 1 | 1 | 7 | 7 | 7 | 7 | 2 | 2 | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 6 | 7 | 7 | 7 | 7 | 7 | 7               |
|   | 7 | 8 | 0 | 1 | 8 | 9 | 8 | 9 | 6 | 7 | 8 | 9 | 6 | 7 | 8 | 9 | 9 | 0 | 1 | 2 | 3 | 4 | 5               |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |
| Tissue NOS                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>        |

**GENITAL SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Coagulating Gland                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>      |
| Lumen, Dilatation                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>  |
| Epididymis                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             |
| Hypospermia                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>45</b>     |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.5</b>  |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>  |
| Preputial Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>47</b>     |
| Degeneration                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 2.5</b>  |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>21 2.8</b> |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.5</b>  |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.5</b>  |
| Prostate                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>44</b>     |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3 1.0</b>  |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>  |
| Seminal Vesicle                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             |
| Atrophy                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>46</b>     |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>  |
| Lumen, Dilatation                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>  |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>5 2.8</b>  |
| Testes                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +             |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>45</b>     |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |   |   |     |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|-----|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7               |   |   |     |
|   | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4               |   |   |     |
|   | 9 | 9 | 9 | 9 | 2 | 2 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 7 | 7 | 7 | 9 | 6 | 6               |   |   |     |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |   |   |     |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |   |   |     |
|   | 8 | 8 | 8 | 8 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |   |   |     |
| <b>AZTL/3TCL/NFVL/0</b>                     | 1 | 1 | 7 | 7 | 7 | 7 | 2 | 2 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 1 | 6 | 7 | 7 | 7 | 7 | 7 | 7               |   |   |     |
|   | 7 | 8 | 0 | 1 | 8 | 9 | 8 | 9 | 6 | 7 | 8 | 9 | 6 | 7 | 8 | 9 | 9 | 0 | 1 | 2 | 3 | 4 | 5               |   |   |     |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |   |   |     |
| Seminiferous Tubule, Degeneration           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2               | 3 | 3 | 2.3 |

**HEMATOPOIETIC SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Bone Marrow                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45  |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Lymph Node                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |     |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Mediastinal, Inflammation, Chronic Active |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 3.0 |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Renal, Inflammation, Chronic Active       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 3.0 |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Lymph Node, Mandibular                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46  |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Hyperplasia, Lymphoid                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 4   | 1.3 |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Infiltration Cellular, Plasma Cell        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 2   | 2.0 |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Inflammation, Chronic Active              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1   | 4.0 |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Lymph Node, Mesenteric                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46  |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Angiectasis                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 1   | 6   | 1.5 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Fibrosis                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1   | 4.0 |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Hemorrhage                                | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 11  | 1.8 |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Hyperplasia, Lymphoid                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | 2   | 2   | 2   | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 25 | 2.1 |
| Infiltration Cellular, Histiocyte         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1   | 2.0 |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Infiltration Cellular, Mast Cell          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1   | 2.0 |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Infiltration Cellular, Plasma Cell        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 | 3   | 3.0 |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Inflammation, Granulomatous               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 | 4   | 4.0 |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Inflammation, Chronic Active              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | 1   | 4.0 |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Sinus, Dilatation                         | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 8   | 1.8 |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |
| Spleen                                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45  |     |     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |     |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

| DAY ON TEST                             |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| DAY ON TEST                             |  | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7        |
| DAY ON TEST                             |  | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4        |
| DAY ON TEST                             |  | 9 | 9 | 9 | 9 | 2 | 2 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 7 | 7 | 7 | 9 | 6        |
| C57BL/6N XC3H/HEN MTV-NCTR<br>MICE MALE |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0        |
| ANIMAL ID                               |  | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        |
| ANIMAL ID                               |  | 8 | 8 | 8 | 8 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        |
| ANIMAL ID                               |  | 1 | 1 | 7 | 7 | 7 | 7 | 2 | 2 | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 6 | 7 | 7 | 7 | 7 | 7        |
| AZTL/3TCL/NFVL/0                        |  | 7 | 8 | 0 | 1 | 8 | 9 | 8 | 9 | 6 | 7 | 8 | 9 | 6 | 7 | 8 | 9 | 9 | 0 | 1 | 2 | 3 | 4        |
|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | * TOTALS |
| Hematopoietic Cell Proliferation        |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 5        |
| Hyperplasia, Lymphoid                   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3.2      |
| Inflammation, Chronic Active            |  | 3 | 4 | 3 | 4 | 4 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |          |
|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 21       |
|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4.0      |
| Thymus Atrophy                          |  | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | M | M | + | + | +        |
|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 35       |
|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 15       |
|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2.8      |
| INTEGUMENTARY SYSTEM                    |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
| Mammary Gland                           |  | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M        |
|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 0        |
| Skin                                    |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        |
| Fibrosis                                |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 48       |
| Inflammation, Suppurative               |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Ulcer                                   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2.0      |
|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1.0      |
|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2.0      |
| MUSCULOSKELETAL SYSTEM                  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
| Bone                                    |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1        |
| Bone, Femur                             |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        |
|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 48       |
| NERVOUS SYSTEM                          |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
| Brain, Brain Stem                       |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +        |
|   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 46       |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked







TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
|                                   | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |  |
|                                   | 7 | 8 | 0 | 1 | 1 | 4 | 6 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |   |  |
|                                   | 2 | 3 | 2 | 5 | 4 | 3 | 1 | 0 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 0 |   |  |
| .....                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| <b>SOLVENT to 0</b>               | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 |   |  |
| <b>ANIMAL ID</b>                  | 8 | 9 | 2 | 4 | 5 | 6 | 8 | 2 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 1 | 1 | 6 | 6 | 5 | 5 | 5 | 5 | 7 |   |   |  |
|                                   | 9 | 3 | 5 | 5 | 0 | 9 | 1 | 7 | 2 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 5 | 6 | 5 | 6 | 4 | 5 | 6 | 7 | 2 |   |  |

males  
(cont...)

**ALIMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Gallbladder<br>Vacuolization Cytoplasmic   | A | + | + | + | M | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | 3 | + | + | + |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid  | A | + | + | + | + | + | A | 2 | + | + | + | + | + | + | + | + | + | 2 | + | + | + | + | 2 | + | + |   |
| Intestine Large, Colon   | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Large, Rectum  | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Small, Duodenum  | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Small, Ileum   | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Intestine Small, Jejunum<br>Hyperplasia, Lymphoid  | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + | + |   |
| Liver<br>Basophilic Focus<br>Clear Cell Focus<br>Cyst<br>Eosinophilic Focus<br>Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | X | + | + | + | + | + | + | X | + | + | + |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|             | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|             | 7 | 8 | 0 | 1 | 1 | 4 | 6 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
|             | 2 | 3 | 2 | 5 | 4 | 3 | 1 | 0 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 0 |

  

| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                      | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 |   |
| SOLVENT to 0                         | 8 | 9 | 2 | 4 | 5 | 6 | 8 | 2 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 1 | 1 | 6 | 6 | 5 | 5 | 5 | 5 | 7 |   |
|                                      | 9 | 3 | 5 | 5 | 0 | 9 | 1 | 7 | 2 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 5 | 6 | 5 | 6 | 4 | 5 | 6 | 2 |   |

males  
(cont...)

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tension Lipidosis                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Vacuolization Cytoplasmic         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mesentery                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hemorrhage                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Necrosis                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Fat, Necrosis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pancreas                          | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Acinus, Degeneration              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Salivary Glands                   | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Stomach, Forestomach              | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ulcer                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epithelium, Hyperplasia           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Stomach, Glandular                | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Degeneration                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epithelium, Hyperplasia           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**CARDIOVASCULAR SYSTEM**

|              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 7 | 8 | 0 | 1 | 1 | 4 | 6 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
|   | 2 | 3 | 2 | 5 | 4 | 3 | 1 | 0 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 0 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 |
| <b>SOLVENT to 0</b>                         | 8 | 9 | 2 | 4 | 5 | 6 | 8 | 2 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 1 | 1 | 6 | 6 | 5 | 5 | 5 | 5 | 7 |   |
| <b>ANIMAL ID</b>                            | 9 | 3 | 5 | 5 | 0 | 9 | 1 | 7 | 2 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 5 | 6 | 5 | 6 | 4 | 5 | 6 | 7 | 2 |

males  
(cont...)

|                |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Polyarteritis  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Heart          | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cardiomyopathy | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Inflammation   | + |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Polyarteritis  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**ENDOCRINE SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex                    | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |   |
| Accessory Adrenal Cortical Nodule |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hypertrophy                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Subcapsular, Hyperplasia          |   | 1 |   |   | 1 |   |   | 1 | 1 |   | 1 | 2 | 1 |   | 2 | 2 |   | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 |
| Adrenal Medulla                   | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |   |
| Islets, Pancreatic                | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia                       | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Parathyroid Gland                 | M | + | + | + | + | + | + | + | + | + | + | M | M | + | M | + | + | M | + | M | + | + | + | + | M |   |
| Pituitary Gland                   | A | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Pars Distalis, Hyperplasia        | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thyroid Gland                     | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Follicle, Cyst                    | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                            |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|---|
| 0   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                            |   |
| 5   | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |                            |   |
| 7   | 8 | 0 | 1 | 1 | 4 | 6 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |                            |   |
| 2   | 3 | 2 | 5 | 4 | 3 | 1 | 0 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 0                          |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | <b>males<br/>(cont...)</b> |   |
| <b>SOLVENT to 0</b>                             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                            |   |
| <b>ANIMAL ID</b>                                | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 8 |                            |   |
|   | 8 | 9 | 2 | 4 | 5 | 6 | 8 | 2 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 1 | 1 | 6 | 6 | 5 | 5 | 5 | 7 |                            |   |
|   | 9 | 3 | 5 | 5 | 0 | 9 | 1 | 7 | 2 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 5 | 6 | 5 | 6 | 4 | 5 | 6 |                            | 2 |
| <b>Follicle, Degeneration</b>                   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   | 2 |   |                            |   |

**GENERAL BODY SYSTEM**

Tissue NOS

**GENITAL SYSTEM**

Coagulating Gland  
Lumen, Dilatation

+  
4

Epididymis  
Hypospermia  
Infiltration Cellular, Lymphocyte  
Inflammation, Chronic Active  
Spermatocoele  
Duct, Degeneration

A + + + + + + + + + + + + M + + + + + + + + + + + + +  
 2  
4  
2

Preputial Gland  
Cyst  
Degeneration  
Infiltration Cellular, Lymphocyte  
Inflammation, Chronic Active

A +  
 3 3 4 3 4 2 2 2 2 2 4  
 1 2 3 2

Prostate  
Infiltration Cellular, Lymphocyte  
Polyarteritis

A +  
 1 1 1 1 2

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 Page 204  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 7 | 8 | 0 | 1 | 1 | 4 | 6 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
|   | 2 | 3 | 2 | 5 | 4 | 3 | 1 | 0 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 0 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 |
| <b>SOLVENT to 0</b>                         | 8 | 9 | 2 | 4 | 5 | 6 | 8 | 2 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 1 | 1 | 6 | 6 | 5 | 5 | 5 | 5 | 7 |   |
| ANIMAL ID                                   | 9 | 3 | 5 | 5 | 0 | 9 | 1 | 7 | 2 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 5 | 6 | 5 | 6 | 4 | 5 | 6 | 7 | 2 |

males (cont...)

Infiltration Cellular, Plasma Cell

Lymph Node, Mesenteric

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Angiectasis                              | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemorrhage                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia, Lymphoid                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Mast Cell         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Plasma Cell       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Polymorphonuclear |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thrombosis                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Sinus, Dilatation                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Spleen

|                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Angiectasis                      | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hematopoietic Cell Proliferation |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia, Lymphoid            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Thymus

|         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atrophy | M | + | + | + | + | + | A | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**INTEGUMENTARY SYSTEM**

Mammary Gland

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Skin

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hyperkeratosis            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Suppurative |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

### P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |   |
|                                   | 7 | 8 | 0 | 1 | 1 | 4 | 6 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |   |
|                                   | 2 | 3 | 2 | 5 | 4 | 3 | 1 | 0 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 0 | 0 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|                                   | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 |   |   |
| <b>SOLVENT to 0</b>               | 8 | 9 | 2 | 4 | 5 | 6 | 8 | 2 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 1 | 1 | 6 | 6 | 5 | 5 | 5 | 5 | 7 | 7 |   |   |
| <b>ANIMAL ID</b>                  | 9 | 3 | 5 | 5 | 0 | 9 | 1 | 7 | 2 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 5 | 6 | 5 | 6 | 4 | 5 | 6 | 7 | 2 |   |   |

males (cont...)

Inflammation, Chronic Active Mineralization

### MUSCULOSKELETAL SYSTEM

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

### NERVOUS SYSTEM

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Cerebellum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

|                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Cerebrum Mineralization | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|                                |   |   |   |   | 1 | 1 |   | 1 | 1 | 1 | 1 |   |   |   |   | 1 | 1 | 1 | 1 |   |   |   |   |   | 1 |

### RESPIRATORY SYSTEM

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung                              | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Congestion                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Crystals                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Histiocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar Epithelium, Hyperplasia  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
l .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                      |   |  |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------|---|--|
|                                   | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7                      | 7 |  |
|                                   | 7 | 8 | 0 | 1 | 1 | 4 | 6 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3                      | 4 |  |
|                                   | 2 | 3 | 2 | 5 | 4 | 3 | 1 | 0 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 0 |   |   |   |   |   |   |   |   |   |   |   |                        |   |  |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                      | 0 |  |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                      | 0 |  |
| <b>SOLVENT to 0</b>               | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8                      |   |  |
| ANIMAL ID                         | 8 | 9 | 2 | 4 | 5 | 6 | 8 | 2 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 1 | 1 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |                        |   |  |
|                                   | 9 | 3 | 5 | 5 | 0 | 9 | 1 | 7 | 2 | 3 | 4 | 5 | 4 | 5 | 6 | 7 | 5 | 6 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 4 | 5 | 6 | 7 | 2 |   |   |   |   |   |   | <b>males (cont...)</b> |   |  |

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nose                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Posterior To Upper Incisor, Dysplasia |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Trachea                               | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |

**SPECIAL SENSES SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Eye                               | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Cataract                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Bilateral, Cataract               |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Harderian Gland                   | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

**URINARY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Kidney                            | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Infiltration Cellular, Lymphocyte |   |   | 1 |   |   |   | 1 |   |   |   | 1 |   |   |   |   |   |   |   | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Nephropathy                       |   | 3 |   | 3 |   |   |   | 2 | 1 | 1 | 1 |   | 1 | 1 | 2 | 1 | 2 | 1 |   |   |   |   | 1 |   |   | 1 |   |   |   |   |   |   | 1 | 1 | 1 | 1 | 1 |   |  |
| Polyarteritis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Urethra                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Bulbourethral Gland, Cyst         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Bulbourethral Gland, Hemorrhage   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Bulbourethral Gland, Necrosis     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked





TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     |                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |
|---|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   |                     | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 6 | 6 |   |
|   |                     | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 8 | 5 | 6 | 7 |   |
|   |                     | 1 | 1 | 1 | 1 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 8 | 4 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> |                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   |                     | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   |                     | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
|   |                     | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 8 | 8 | 0 | 0 | 0 | 0 |
|   | <b>SOLVENT to 0</b> | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 5 | 8 | 3 | 5 | 8 |

males  
(cont...)

**ALIMENTARY SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder<br>Vacuolization Cytoplasmic   | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + |   |
| Intestine Large, Cecum<br>Hyperplasia, Lymphoid  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum<br>Hyperplasia, Lymphoid  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver<br>Basophilic Focus<br>Clear Cell Focus<br>Cyst<br>Eosinophilic Focus<br>Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 6 | 6 | 6 |
|   | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 8 | 5 | 6 | 7 |
|   | 1 | 1 | 1 | 1 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 8 | 4 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
|   | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |   |
|   | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 8 | 8 | 0 | 0 | 0 |   |
| <b>SOLVENT to 0</b>                         | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 5 | 8 | 3 | 5 |   |
|   | 8 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Tension Lipidosis                           | 2 |   |   |   |   | 1 | 1 |   |   | 1 |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |
| Vacuolization Cytoplasmic                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mesentery                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hemorrhage                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Necrosis                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Fat, Necrosis                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pancreas                                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Cyst  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte           |   |   |   |   |   |   |   |   |   |   | 1 | 2 |   |   |   |   |   |   |   |   | 1 |   |   | 1 |   |
| Acinus, Degeneration                        |   |   |   | 2 |   |   |   | 1 |   |   | 2 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Salivary Glands                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Infiltration Cellular, Lymphocyte           | 1 | 1 | 1 |   | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 2 |   |
| Stomach, Forestomach                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Ulcer                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epithelium, Hyperplasia                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Stomach, Glandular                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |   |
| Degeneration                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Epithelium, Hyperplasia                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

males  
(cont...)

**CARDIOVASCULAR SYSTEM**

|              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT/Drug Combinations Transplacental Carcinogenesis Study

CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:06

First Dose M/F: 07/10/03 / NA

Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 6 | 6 | 6 |   |
|   | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 8 | 5 | 6 | 7 |   |
|   | 1 | 1 | 1 | 1 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 8 | 4 | 7 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
|   | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |   |
| <b>SOLVENT to 0</b>                         | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 8 | 8 | 0 | 0 | 0 |   |
| <b>ANIMAL ID</b>                            | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 5 | 8 | 3 | 5 | 8 |   |

males (cont...)

Polyarteritis

|                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Heart          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Polyarteritis  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

ENDOCRINE SYSTEM

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hypertrophy                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Subcapsular, Hyperplasia          | 3 | 2 |   | 2 | 1 | 1 | 1 |   | 2 | 1 |   |   | 1 | 1 | 2 | 2 | 3 | 1 |   |   | 1 | 2 |   | 2 | 1 |
| Adrenal Medulla                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Parathyroid Gland                 | + | + | + | + | M | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | M | + | + |
| Pituitary Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Hyperplasia        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thyroid Gland                     | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Follicle, Cyst                    | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue  
M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically  
1-4 .. Lesion qualified as:  
1) Minimal 3) Moderate  
2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 6 | 6 | 6 |   |
|   | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 8 | 5 | 6 | 7 |   |
|   | 1 | 1 | 1 | 1 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 8 | 4 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR<br/>MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
|   | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
|   | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |   |
| <b>SOLVENT to 0</b>                             | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 8 | 8 | 0 | 0 |   |
| <b>ANIMAL ID</b>                                | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 5 | 8 | 3 | 5 | 8 |   |
| Follicle, Degeneration                          | 1 |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   | 1 | 2 |   |   |   | 2 |   |   |   |   |   |

males  
(cont...)

**GENERAL BODY SYSTEM**

Tissue NOS

**GENITAL SYSTEM**

Coagulating Gland  
Lumen, Dilatation

Epididymis

Hypospermia  
Infiltration Cellular, Lymphocyte  
Inflammation, Chronic Active  
Spermatocoele  
Duct, Degeneration

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hypospermia                       |   |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   | 1 |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Spermatocoele                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Duct, Degeneration                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Preputial Gland  
Cyst

Degeneration  
Infiltration Cellular, Lymphocyte  
Inflammation, Chronic Active

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst                              |   |   |   | 2 |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   | 4 |
| Degeneration                      | 3 |   | 3 |   |   | 4 | 4 | 4 |   |   |   |   | 2 |   | 3 | 3 |   | 2 |   | 3 |   | 2 | 3 | 3 | 4 |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   | 2 |   |   |   |

Prostate

Infiltration Cellular, Lymphocyte  
Polyarteritis

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | 1 | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   | 1 |
| Polyarteritis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 6 | 6 | 6 |
|   | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 8 | 5 | 6 | 7 |
|   | 1 | 1 | 1 | 1 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 8 | 4 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| <b>SOLVENT to 0</b>                         | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 8 | 8 | 0 | 0 | 0 |
| <b>ANIMAL ID</b>                            | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 5 | 8 | 3 | 5 | 8 |

males (cont...)

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Infiltration Cellular, Plasma Cell       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lymph Node, Mesenteric                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Angiectasis                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hemorrhage                               | 2 |   |   | 2 |   |   | 1 |   | 1 | 1 | 2 |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |
| Hyperplasia, Lymphoid                    |   | 2 | 2 |   | 2 |   |   | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 |   |   |   |   |   |   |
| Infiltration Cellular, Histiocyte        |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Mast Cell         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Plasma Cell       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Polymorphonuclear |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Thrombosis                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Sinus, Dilatation                        |   | 2 |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Spleen                                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hematopoietic Cell Proliferation         |   |   | 2 |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |   | 4 | 3 | 3 |
| Hyperplasia, Lymphoid                    |   | 3 | 2 | 2 | 3 |   | 3 | 2 | 2 | 4 | 2 |   | 2 | 2 | 3 | 2 | 2 | 2 |   | 3 |   |   |   |   |   |
| Thymus                                   | M | + | M | M | + | + | M | + | + | M | M | M | + | M | + | + | + | + | + | + | + | + | + | + | M |
| Atrophy                                  |   |   |   |   | 2 |   |   | 4 | 3 |   |   |   | 2 |   |   | 3 | 2 |   |   | 4 |   | 3 | 2 |   |   |

**INTEGUMENTARY SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland             | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Skin                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperkeratosis            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Suppurative |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|                                   |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                   |             | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 6 | 6 |
|                                   |             | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 8 | 5 | 6 |   |
|                                   |             | 1 | 1 | 1 | 1 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 9 | 9 | 8 | 4 |
|                                   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                   |             | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> |             | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
| <b>MICE MALE</b>                  | ANIMAL ID   | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 8 | 8 |   |
| <b>SOLVENT to 0</b>               |             | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 5 | 8 |   |
|                                   |             | 3 | 5 | 8 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |

males  
(cont...)

Inflammation, Chronic Active  
 Mineralization

**MUSCULOSKELETAL SYSTEM**

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**NERVOUS SYSTEM**

|                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mineralization    | 1 |   | 1 |   |   | 1 | 1 |   |   | 1 |   |   | 1 | 1 |   |   | 1 |   |   | 1 | 1 | 1 | 1 |   |

**RESPIRATORY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Congestion                        |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Crystals                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 | 2 |   |
| Infiltration Cellular, Histiocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 4 | 2 |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Alveolar Epithelium, Hyperplasia  |   |   |   |   |   | 4 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 216



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| DAY ON TEST                       | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 6 | 6 |   |
|                                   | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 8 | 5 | 6 | 7 |   |
|                                   | 1 | 1 | 1 | 1 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 8 |   |
|                                   | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 4 | 7 |   |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |
|                                   | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |   |
| ANIMAL ID                         | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 8 | 8 | 0 | 0 |   |
| <b>SOLVENT to 0</b>               | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 5 | 8 | 3 | 5 |   |
|                                   | 8 | 8 | 8 | 8 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 5 | 8 | 3 | 5 | 8 |

males  
(cont...)

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nose                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Posterior To Upper Incisor, Dysplasia |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |
| Trachea                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bilateral, Cataract               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Harderian Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |

**URINARY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst                              |   |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |
| Nephropathy                       | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 |   | 1 | 1 | 1 | 1 | 2 |   | 1 | 2 | 2 |
| Polyarteritis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 |
| Urethra                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bulbourethral Gland, Cyst         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bulbourethral Gland, Hemorrhage   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Bulbourethral Gland, Necrosis     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 6 | 6 | 6 |
|                                   | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 8 | 5 | 6 | 7 |
|                                   | 1 | 1 | 1 | 1 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 8 | 4 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| <b>SOLVENT to 0</b>               | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| <b>ANIMAL ID</b>                  | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 8 | 8 | 0 | 0 | 0 |
|                                   | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 5 | 8 | 3 | 5 | 8 |
| Urinary Bladder                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Lumen, Dilatation                 |   |   |   |   |   |   |   |   | 3 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3 |

males  
(cont...)

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked  
 Page 218

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 6               | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 9               | 9 | 0 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 1               | 1 | 5 | 0 | 5 | 3 | 0 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 1               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 2               | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID                                   | 1               | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| <b>SOLVENT to 0</b>                         | 1               | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |       |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Esophagus                         | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 64    |
| Gallbladder                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 59    |
| Vacuolization Cytoplasmic         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 3.0 |
| Intestine Large, Cecum            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 63    |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   |   | 2 |   |   |   |   |   |   |   | 6 2.0 |
| Intestine Large, Colon            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 63    |
| Intestine Large, Rectum           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 63    |
| Intestine Small, Duodenum         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 63    |
| Intestine Small, Ileum            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 63    |
| Intestine Small, Jejunum          | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 62    |
| Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 2.5 |
| Liver                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 65    |
| Basophilic Focus                  |   |   |   |   |   |   |   | X |   |   | X |   |   |   |   | 7     |
| Clear Cell Focus                  |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | 1     |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 2.0 |
| Eosinophilic Focus                |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   | 1     |
| Infiltration Cellular, Lymphocyte |   |   |   | 2 |   |   |   |   |   |   |   |   |   |   |   | 3 1.7 |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 219

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |       |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
|   | 6               | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7  |       |
|   | 9               | 9 | 0 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3  |       |
|   | 1               | 1 | 5 | 0 | 5 | 3 | 0 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 7  |       |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  |       |
|   | 1               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  |       |
|   | 2               | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2  |       |
| <b>SOLVENT to 0</b>                         | 1               | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 9  |       |
|   | 1               | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0  |       |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |    |       |
| Tension Lipidosis                           | 1               |   |   |   |   |   |   |   |   |   |   |   |   |   | 12 | 1.3   |
| Vacuolization Cytoplasmic                   |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  | 1.5   |
| Mesentery                                   | +               |   |   |   |   |   |   |   |   |   |   |   |   |   | 4  |       |
| Hemorrhage                                  |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 4.0   |
| Necrosis                                    |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 4.0   |
| Fat, Necrosis                               |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 3.0   |
| Pancreas                                    | +               |   |   |   |   |   |   |   |   |   |   |   |   |   | 64 |       |
| Cyst  | 4               |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  | 3.0   |
| Infiltration Cellular, Lymphocyte           |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 7  | 1.1   |
| Acinus, Degeneration                        |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 6  | 1.3   |
| Salivary Glands                             | +               |   |   |   |   |   |   |   |   |   |   |   |   |   | 64 |       |
| Infiltration Cellular, Lymphocyte           | 1 1 1 1 2 2     |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 1 2 1 |
| Stomach, Forestomach                        | +               |   |   |   |   |   |   |   |   |   |   |   |   |   | 64 |       |
| Ulcer                                       |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  | 2.0   |
| Epithelium, Hyperplasia                     |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  | 2.0   |
| Stomach, Glandular                          | +               |   |   |   |   |   |   |   |   |   |   |   |   |   | 63 |       |
| Degeneration                                |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 1.0   |
| Inflammation, Chronic Active                |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  | 1.5   |
| Epithelium, Hyperplasia                     |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  | 2.0   |

**CARDIOVASCULAR SYSTEM**

|              |   |  |  |  |  |  |  |  |  |  |  |  |  |  |    |  |
|--------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|
| Blood Vessel | + |  |  |  |  |  |  |  |  |  |  |  |  |  | 65 |  |
|--------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 220

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 6               | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 9               | 9 | 0 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 1               | 1 | 5 | 0 | 5 | 3 | 0 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 1               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 2               | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID                                   | 1               | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| <b>SOLVENT to 0</b>                         | 1               | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |  |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|--|
| Polyarteritis  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b> |  |
| Heart          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>65</b>    |  |
| Cardiomyopathy |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b> |  |
| Inflammation   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |  |
| Polyarteritis  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.0</b> |  |

**ENDOCRINE SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |  |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|--|
| Adrenal Cortex                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>63</b>     |  |
| Accessory Adrenal Cortical Nodule |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>      |  |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b>  |  |
| Hypertrophy                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>6 2.2</b>  |  |
| Subcapsular, Hyperplasia          | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | <b>47 1.3</b> |  |
| Adrenal Medulla                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>63</b>     |  |
| Islets, Pancreatic                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>65</b>     |  |
| Hyperplasia                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>7 1.7</b>  |  |
| Parathyroid Gland                 | + | + | + | + | + | + | + | + | + | M | + | + | + | + | M | <b>52</b>     |  |
| Pituitary Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>61</b>     |  |
| Pars Distalis, Hyperplasia        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 1.5</b>  |  |
| Thyroid Gland                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>64</b>     |  |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3 1.3</b>  |  |
| Follicle, Cyst                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 3.0</b>  |  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
|   | 6               | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7             |
|   | 9               | 9 | 0 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3             |
|   | 1               | 1 | 5 | 0 | 5 | 3 | 0 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 7             |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0             |
|   | 1               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1             |
|   | 2               | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2             |
| ANIMAL ID                                   | 1               | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 9             |
| <b>SOLVENT to 0</b>                         | 1               | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0             |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |               |
| Follicle, Degeneration                      |                 |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>10 1.4</b> |

**GENERAL BODY SYSTEM**

|            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |          |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| Tissue NOS |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>1</b> |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|

**GENITAL SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |               |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|---------------|
| Coagulating Gland                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>     |               |
| Lumen, Dilatation                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 3.0</b> |               |
| Epididymis                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | <b>63</b>     |
| Hypospermia                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 2.5</b> |               |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3 1.3</b> |               |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |               |
| Spermatocele                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b> |               |
| Duct, Degeneration                |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |               |
| Preputial Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | <b>64</b>     |
| Cyst                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>4 2.8</b> |               |
| Degeneration                      | 3 | 2 |   | 1 |   |   |   | 2 |   |   | 3 | 3 |   | 2 |              | <b>32 2.8</b> |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |               |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>6 2.0</b> |               |
| Prostate                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +            | <b>64</b>     |
| Infiltration Cellular, Lymphocyte | 1 |   |   |   |   |   |   |   |   |   |   |   |   |   |              | <b>9 1.0</b>  |
| Polyarteritis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |               |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

|                                   |                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST                       | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|                                   | 6               | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|                                   | 9               | 9 | 0 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|                                   | 1               | 1 | 5 | 0 | 5 | 3 | 0 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>MICE MALE</b>                  | 1               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|                                   | 2               | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID                         | 1               | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| <b>SOLVENT to 0</b>               | 1               | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 |
|                                   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Seminal Vesicle                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>63</b>    |
| Atrophy                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b> |
| Lumen, Dilatation                 |   |   | 1 |   |   |   |   | 2 | 2 |   |   |   |   |   |   | <b>8 2.5</b> |
| Testes                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>64</b>    |
| Seminiferous Tubule, Degeneration |   |   |   |   |   |   |   |   |   |   |   |   | 1 |   |   | <b>7 1.6</b> |

**HEMATOPOIETIC SYSTEM**

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Bone Marrow                                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>64</b>    |
| Hyperplasia                                    |   |   |   |   |   | 2 |   |   |   |   |   |   |   | 2 |   | <b>6 2.7</b> |
| Lymph Node                                     |   |   | + | + |   | + |   |   |   |   |   |   |   |   |   | <b>7</b>     |
| Lumbar, Hemorrhage                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | <b>1 2.0</b> |
| Lumbar, Hyperplasia, Lymphoid                  |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   | 2 | <b>3 1.7</b> |
| Mediastinal, Hyperplasia, Lymphoid             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | <b>2 2.5</b> |
| Mediastinal, Infiltration Cellular, Histiocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | <b>1 2.0</b> |
| Pancreatic, Hyperplasia, Lymphoid              |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | <b>1 2.0</b> |
| Pancreatic, Infiltration Cellular, Histiocyte  |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | <b>1 2.0</b> |
| Pancreatic, Sinus, Dilatation                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | <b>1 2.0</b> |
| Renal, Hemorrhage                              |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | <b>1 2.0</b> |
| Renal, Hyperplasia, Lymphoid                   |   |   |   |   | 1 |   |   |   |   |   |   |   |   |   | 2 | <b>2 1.5</b> |
| Renal, Infiltration Cellular, Histiocyte       |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | <b>1 2.0</b> |
| Lymph Node, Mandibular                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>63</b>    |
| Hyperplasia, Lymphoid                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2 | <b>9 1.7</b> |
| Hyperplasia, Plasma Cell                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1 | <b>1 3.0</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 6               | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 9               | 9 | 0 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 1               | 1 | 5 | 0 | 5 | 3 | 0 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 1               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 2               | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID                                   | 1               | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| <b>SOLVENT to 0</b>                         | 1               | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|  |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |            |            |
|--|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|------------|------------|
| Infiltration Cellular, Plasma Cell       | 2                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>1</b>  | <b>2.0</b> |            |
| Lymph Node, Mesenteric                   | + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>63</b> |            |            |
| Angiectasis                              | 4                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>10</b>  | <b>2.1</b> |
| Hemorrhage                               | 2                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>19</b>  | <b>1.8</b> |
| Hyperplasia, Lymphoid                    | 2                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>37</b>  | <b>2.1</b> |
| Infiltration Cellular, Histiocyte        | 3                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>4</b>   | <b>2.5</b> |
| Infiltration Cellular, Mast Cell         | 3                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>1</b>   | <b>2.0</b> |
| Infiltration Cellular, Plasma Cell       | 3                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>2</b>   | <b>3.0</b> |
| Infiltration Cellular, Polymorphonuclear | 2                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>1</b>   | <b>1.0</b> |
| Thrombosis                               | 2                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>1</b>   | <b>2.0</b> |
| Sinus, Dilatation                        | 2                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>8</b>   | <b>2.1</b> |
| Spleen                                   | + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>63</b> |            |            |
| Angiectasis                              | 4                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>1</b>   | <b>2.0</b> |
| Hematopoietic Cell Proliferation         | 4                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>11</b>  | <b>3.5</b> |
| Hyperplasia, Lymphoid                    | 2 2 2 4 3                     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>30</b>  | <b>2.4</b> |
| Thymus                                   | + + + + + + + + + + M + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>51</b> |            |            |
| Atrophy                                  | 3 2 2                         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>23</b>  | <b>2.8</b> |

**INTEGUMENTARY SYSTEM**

|                           |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           |          |            |
|---------------------------|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|----------|------------|
| Mammary Gland             | M M M M M M M M M M M M M M M |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>0</b>  |          |            |
| Skin                      | + + + + + + + + + + + + + + + |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <b>65</b> |          |            |
| Hyperkeratosis            | 3                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>1</b> | <b>3.0</b> |
| Inflammation, Suppurative |                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |           | <b>1</b> | <b>4.0</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked



TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 6               | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 9               | 9 | 0 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 1               | 1 | 5 | 0 | 5 | 3 | 0 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 1               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 2               | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID                                   | 1               | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| <b>SOLVENT to 0</b>                         | 1               | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                              |   |              |
|------------------------------|---|--------------|
| Inflammation, Chronic Active | 2 | <b>1 2.0</b> |
| Mineralization               | 3 | <b>1 3.0</b> |

**MUSCULOSKELETAL SYSTEM**

|             |                               |           |
|-------------|-------------------------------|-----------|
| Bone, Femur | + + + + + + + + + + + + + + + | <b>65</b> |
|-------------|-------------------------------|-----------|

**NERVOUS SYSTEM**

|                   |  |               |
|-------------------|--|---------------|
| Brain, Brain Stem | + + + + + + + + + + + + + + +  | <b>64</b>     |
| Brain, Cerebellum | + + + + + + + + + + + + + + +  | <b>64</b>     |
| Brain, Cerebrum   | + + + + + + + + + + + + + + +  | <b>64</b>     |
| Mineralization    | 1 1 1 1                    1 1                    1                    1 1 | <b>35 1.0</b> |

**RESPIRATORY SYSTEM**

|                                   |                               |              |
|-----------------------------------|-------------------------------|--------------|
| Lung                              | + + + + + + + + + + + + + + + | <b>64</b>    |
| Congestion                        |                               | <b>1 2.0</b> |
| Crystals                          | 2                             | <b>3 2.7</b> |
| Infiltration Cellular, Histiocyte | 2                             | <b>3 2.7</b> |
| Infiltration Cellular, Lymphocyte | 1                             | <b>3 1.0</b> |
| Inflammation, Chronic Active      |                               | <b>1 1.0</b> |
| Alveolar Epithelium, Hyperplasia  | 2 3                           | <b>4 3.0</b> |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Page 225

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                                 | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 6               | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|   | 9               | 9 | 0 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|   | 1               | 1 | 5 | 0 | 5 | 3 | 0 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 7 |
| <b>C57BL/6N XC3H/HEN MTV-NCTR MICE MALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|   | 1               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|   | 2               | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID                                   | 1               | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| <b>SOLVENT to 0</b>                         | 1               | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Nose                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>65</b>    |
| Posterior To Upper Incisor, Dysplasia |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2 2.5</b> |
| Trachea                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>64</b>    |

**SPECIAL SENSES SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Eye                               | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>62</b>    |
| Cataract                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b> |
| Bilateral, Cataract               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b> |
| Harderian Gland                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>64</b>    |
| Infiltration Cellular, Lymphocyte |   |   |   | 1 |   |   |   |   |   |   |   |   |   |   |   | <b>5 1.0</b> |
| Inflammation, Chronic Active      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 1.0</b> |

**URINARY SYSTEM**

|                                   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |               |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Kidney                            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>64</b>     |
| Cyst                              |   |   | 1 |   |   |   |   |   | 3 |   |   |   |   |   |   | <b>3 2.0</b>  |
| Infiltration Cellular, Lymphocyte |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>6 1.0</b>  |
| Nephropathy                       | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | <b>54 1.3</b> |
| Polyarteritis                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 2.0</b>  |
| Urethra                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>      |
| Bulbourethral Gland, Cyst         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>  |
| Bulbourethral Gland, Hemorrhage   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>  |
| Bulbourethral Gland, Necrosis     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1 4.0</b>  |

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue  
 M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically  
 1-4 .. Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

TDMS No. 20311 - 01  
 Test Type: CHRONIC  
 Route: IN-UTERO  
 Species/Strain: MICE/B6C3F1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 AZT/Drug Combinations Transplacental Carcinogenesis Study  
**CAS Number: AIDSTHERAPEU**

Date Report Requested: 06/29/2009  
 Time Report Requested: 16:30:06  
 First Dose M/F: 07/10/03 / NA  
 Lab: NCTR

| DAY ON TEST                       | 0                             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |              |
|-----------------------------------|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
|                                   | 6                             | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |              |
|                                   | 9                             | 9 | 0 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |              |
|                                   | 1                             | 1 | 5 | 0 | 5 | 3 | 0 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 7 |              |
| <b>C57BL/6N XC3H/HEN MTV-NCTR</b> | 0                             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |              |
| <b>MICE MALE</b>                  | 1                             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |              |
|                                   | 2                             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |              |
| ANIMAL ID                         | 1                             | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |              |
| <b>SOLVENT to 0</b>               | 1                             | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 |              |
|                                   | <b>* TOTALS</b>               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |              |
| Urinary Bladder                   | + + + + + + + + + + + + + + + |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>65</b>    |
| Infiltration Cellular, Lymphocyte |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>3 1.0</b> |
| Lumen, Dilatation                 | 3                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>6 3.3</b> |

\*\*\* END OF MALE DATA \*\*\*

\*\*\* END OF REPORT \*\*\*

\* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked