

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

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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	6	6	7	6	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 AZT-H to 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	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	1	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	
	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	2	2	2	3	

males (cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Intestine Large, Cecum	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Intestine Large, Colon	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Intestine Large, Rectum	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Intestine Small, Duodenum Hyperplasia, Lymphoid	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Intestine Small, Ileum	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Intestine Small, Jejunum Inflammation, Chronic Active	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Liver	+	+	+	+	+	A	+	+																	
Basophilic Focus																									
Eosinophilic Focus									X																
Hematopoietic Cell Proliferation																						X			
Infiltration Cellular, Lymphocyte																									
Inflammation, Chronic Active																									
Necrosis											4			3											

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Page 2
1-4 .. Lesion qualified as:
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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	6	6	7	6	7	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	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	

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	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	5
	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	

males (cont...)

Tension Lipidosis										1																2
Vacuolization Cytoplasmic		1	1	1					1																	
Mesentery																										
Fat, Necrosis																										
Pancreas																										
Infiltration Cellular, Lymphocyte																										
Acinus, Degeneration														1										1		
Salivary Glands																										
Infiltration Cellular, Lymphocyte																										
		2	1	2		1			2	2				1	2	2	2	1	1	1	1	2	2	1		1
Stomach, Forestomach																										
Epithelium, Hyperplasia																										
Stomach, Glandular																										
	A																									

CARDIOVASCULAR SYSTEM

Blood Vessel																										
Heart																										

ENDOCRINE SYSTEM

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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
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	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5
AZT-H to 0	4	5	7	8	1	5	7	8	1	2	5	6	6	6	1	1	1	1	1	2	2	1	3	3	
ANIMAL ID	2	3	0	5	2	9	6	7	5	8	4	9	0	1	2	5	6	7	8	9	0	1	2	3	
Adrenal Cortex	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Accessory Adrenal Cortical Nodule																							X		
Hypertrophy																							2		
Subcapsular, Hyperplasia	1	1	1	3			1	1	1	1		1	1			1	1	1	2	1	1	1	1	2	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Islets, Pancreatic	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia										1						1						2			
Parathyroid Gland	+	+	+	+	+	A	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	
Pituitary Gland	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Cyst											1											1			
Pars Distalis, Hyperplasia																									
Thyroid Gland	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Ectopic Thymus																									
Infiltration Cellular, Lymphocyte																							1		
Follicle, Degeneration																									

males (cont...)

GENERAL BODY SYSTEM

Tissue NOS																									
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GENITAL SYSTEM

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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	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	7
	6	2	5	6	6	0	9	0	2	1	2	3	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	
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	1	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5
AZT-H to 0	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	
Epididymis	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Preputial Gland	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Cyst																										
Degeneration				3	4		2	2	3	4																
Infiltration Cellular, Lymphocyte																										
Inflammation, Chronic Active																										
Fat, Degeneration																										
Prostate	A	+	+	+	+	A	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Infiltration Cellular, Lymphocyte				1			1																			
Seminal Vesicle	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Atrophy																										
Infiltration Cellular, Lymphocyte																										
Lumen, Dilatation				2								2														
Testes	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Seminiferous Tubule, Degeneration				1																					3	

males
(cont...)

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+
Hyperplasia				3	2																				
Lymph Node																									
Axillary, Infiltration Cellular, Histiocyte																									

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	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	7	7
	6	2	5	6	6	0	9	0	2	1	2	3	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		
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	0	0	0	0	0	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	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5
AZT-H to 0	2	3	0	5	2	9	6	7	5	8	4	9	0	1	2	5	6	7	8	9	0	1	2	2	2	3	3
Lymph Node, Mandibular Hyperplasia, Lymphoid Infiltration Cellular, Plasma Cell	A	+	+	M	+	A	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
							1																				
Lymph Node, Mesenteric Angiectasis Hemorrhage Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte Polyarteritis Sinus, Dilatation	M	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	
							2																				
										2	2																
															2	1		2	2				2				2
															2								2				
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus Atrophy Hyperplasia, Lymphoid	A	M	M	+	M	A	+	+	+	M	M	+	+	M	+	+	+	+	+	+	+	+	A	+	+	+	

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	M
Skin Inflammation, Suppurative Mineralization Ulcer	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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	4	5	5	6	6	7	6	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	0	2	4	4	4	8	6	3	7	7	2	2	2	2	3	3	2	3	3	3	3	8	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	1	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5
AZT-H to 0	4	5	7	8	1	5	7	8	1	1	2	5	6	6	6	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	2	2	3

males (cont...)

Epithelium, Hyperplasia

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		

RESPIRATORY SYSTEM

Lung Congestion	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Crystals				2								3											
Infiltration Cellular, Histiocyte				2								3											
Alveolar Epithelium, Hyperplasia										2													

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	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	7	7
	6	2	5	6	6	0	9	0	2	1	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	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	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	0	0
	0	0	0	1	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5
AZT-H to 0	2	3	0	5	2	9	6	7	5	8	4	9	0	1	2	5	6	6	6	1	1	1	1	1	2	2	3

males
(cont...)

Nose	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Posterior To Upper Incisor, Dysplasia																									3		
Trachea	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Eye	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract				3																							
Bilateral, Cataract																		1									
Cornea, Inflammation, Chronic Active				2				1																			
Retina, Degeneration				2																							
Harderian Gland	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte				1			1									1											

URINARY SYSTEM

Kidney	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																											
Hyaline Droplet										2																	
Infiltration Cellular, Lymphocyte	1	1									1				1										1		
Metaplasia, Osseous															2												
Nephropathy				2	3		2	1	1	2					1	1	1		1	1	1	1	1	1	2		1
Urethra																											
Dilatation																											+

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

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
																							46			
Hyperplasia											2											2	5	2.2		
Lymph Node																		+						1		
																		4						1	4.0	

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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
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	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
AZT-H to 0	4	5	9	0	1	7	1	2	3	0	4	5	0	1	2	8	9	0	1	8	9	2	3
																							* TOTALS

Epithelium, Hyperplasia 1 1 1.0

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																							48
Skeletal Muscle											+												3

NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																							46
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																							46
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mineralization		1	1	1	1	1	1	1	1		1	1	1				1	1			1		
																							46
																							26 1.0

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																							47
Congestion																							1 4.0
Crystals											2												3 2.3
Infiltration Cellular, Histiocyte											2												3 2.3
Alveolar Epithelium, Hyperplasia																							1 2.0

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TDMS No. 20311 - 01
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 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
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
MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
AZT-H to 0	5	5	5	5	5	6	7	7	7	7	7	8	8	8	0	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
	4	5	9	0	1	7	1	2	3	0	4	5	0	1	2	8	9	0	1	8	9	2	3
	* TOTALS																						
Urinary Bladder																							46
Infiltration Cellular, Lymphocyte																							3 1.3
Lumen, Dilatation																							1 4.0

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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	7	7	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	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	9	9	0	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	0	0	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 to 0	0	0	1	1	2	2	2	3	3	3	4	4	4	4	5	5	5	5	5	6	6	7	7	7	8	8	8
ANIMAL ID	9	9	5	6	6	6	8	2	6	6	2	2	2	3	3	9	9	9	6	6	9	9	9	9	5	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	4	
Hyperplasia																											
Urinary Bladder	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte			2											1		1											
Lumen, Dilatation	3							4																		3	

**males
(cont...)**

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 Page 25

TDMS No. 20311 - 01
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 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	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
	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
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	1	1
	8	8	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
AZT-M to 0	5	5	0	0	0	0	5	5	6	1	1	1	6	6	6	6	0	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	
																								* TOTALS	

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	33	1.4	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Hyperplasia						2																			6	2.0
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	41		
Cyst																1									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

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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
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	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	1	1	1	1	1	1	1
AZT-M to 0	5	5	0	0	0	0	5	5	6	1	1	1	6	6	6	6	0	0	0	4	4	4	4
ANIMAL ID	5	6	5	6	7	8	8	9	0	2	3	4	0	1	2	3	4	5	6	2	3	4	5
																							* TOTALS
Lymph Node																							7
Axillary, Hyperplasia, Lymphoid																							1 2.0
Lumbar, Hyperplasia, Lymphoid																							1 2.0
Mediastinal, Hyperplasia, Lymphoid																							1 2.0
Renal, Hyperplasia, Lymphoid																							1 2.0
Lymph Node, Mandibular																							45
Hyperplasia, Lymphoid																							9 1.6
Lymph Node, Mesenteric																							46
Angiectasis																							6 1.8
Hemorrhage																							18 1.9
Hyperplasia, Lymphoid																							28 2.0
Infiltration Cellular, Histiocyte																							4 2.3
Infiltration Cellular, Plasma Cell																							1 2.0
Necrosis																							1 4.0
Sinus, Dilatation																							5 2.4
Spleen																							45
Hematopoietic Cell Proliferation																							6 3.3
Hyperplasia, Lymphoid																							16 2.5
Thymus																							39
Atrophy																							19 2.6
Hyperplasia, Lymphoid																							1 2.0

INTEGUMENTARY SYSTEM

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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
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
MICE MALE	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
AZT-M to 0	5	5	0	0	0	0	5	5	6	1	1	1	6	6	6	6	0	0	0	4	4	4	4
ANIMAL ID	5	6	5	6	7	8	8	9	0	2	3	4	0	1	2	3	4	5	6	2	3	4	5
	* TOTALS																						
Hyperplasia																							
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte							1						1										
Lumen, Dilatation													1										
	45																						
	6 1.2																						
	3 3.3																						

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	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	3	3	4	4	4	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	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		
AZT-L to 0	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...)	

ALIMENTARY SYSTEM

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

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 BLANK .. Not examined microscopically
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 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																								males (cont...)
	1 2 6 6 5 2 4 2 5 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 5																								
C57BL/6N XC3H/HEN MTV-NCTR	0 0																								males (cont...)
MICE MALE	0 0																								
AZT-L to 0	0 0 1 1 2 2 2 2 3 3 3 3 4 4 4 4 4 4 5 5 5 5 5 5																								
Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Mineralization Necrosis Tension Lipidosis Vacuolization Cytoplasmic	1 1 1 4 2 1 1 1 1 1 2																								males (cont...)
Mesentery Fat, Necrosis	+ +																								
Pancreas Cyst Infiltration Cellular, Lymphocyte Acinus, Degeneration	+ 4 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 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																								males (cont...)
Stomach, Forestomach	+ +																								
Stomach, Glandular Inflammation, Suppurative	+ +																								

CARDIOVASCULAR SYSTEM

Blood Vessel	+ +																							
Heart	+ +																							

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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	3	3	3	3	3	3	3	3	3	4	4	4	4	5	
.....																											
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	0	0	0	0	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	5	5	
AZT-L to 0	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	4	
ANIMAL ID	0	9	4	5	3	9	3	1	5	6	7	5	6	7	8	0	1	2	3	8	9	0	1	2	3	8	

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																								

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DAY ON TEST	Animals																								males (cont...)
	0 4 3 1	0 5 0 2	0 6 1 6	0 6 1 6	0 6 7 5	0 7 0 2	0 7 1 4	0 7 2 2	0 7 3 2	0 7 3 2	0 7 3 2	0 7 3 2	0 7 3 3	0 7 3 3	0 7 3 3	0 7 3 3	0 7 3 3	0 7 3 3	0 7 3 3	0 7 3 3	0 7 3 4	0 7 3 4	0 7 3 4	0 7 3 5	
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
AZT-L to 0	0	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	4	4	4	4	5	0	1	6	8	2	6	6	6	2	2	2	7	7	7	7	3	3	4	4	2

HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node Axillary, Hyperplasia, Lymphoid Pancreatic, Hyperplasia, Lymphoid					+	+				+														
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	M	+	+	+																	M	+
Lymph Node, Mesenteric Angiectasis Hemorrhage Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte Infiltration Cellular, Mast Cell Thrombosis Sinus, Dilatation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus Atrophy	+	M	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+

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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	6	6	6	6	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
	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	
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	1	1	2	2	2	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
AZT-L to 0	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
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	1	2	

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	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosis																										
Inflammation, Chronic Active																										
Necrosis																										
Epithelium, Hyperplasia																										

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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 Lab: NCTR

DAY ON TEST	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																								
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 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																								
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	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5
AZT-L to 0	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	2

males (cont...)

Brain, Cerebrum Mineralization	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
					1	1		1				1	1		1	1		1							
Peripheral Nerve	+																								
Spinal Cord	+																								

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Histiocyte															3										
Infiltration Cellular, Lymphocyte														1											
Alveolar Epithelium, Hyperplasia																							1		
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Posterior To Upper Incisor, Dysplasia																2								3	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract						2									1										
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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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	3	4	4	4	5	
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	0	0	0	0	0	
ANIMAL ID	0	0	1	1	2	2	2	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5		
AZT-L to 0	4	4	4	5	0	1	6	8	2	6	6	6	2	2	2	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		
Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Acinus, Degeneration	1							1				1	1			1			1						
								1								2			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
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte							1				1												
Lumen, Dilatation						2	4																

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Page 41

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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
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	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
AZT-L to 0	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
																							* TOTALS

ALIMENTARY SYSTEM

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

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 M .. Missing tissue
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 1-4 .. Lesion qualified as:
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 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	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	4		
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		
MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		
AZT-L to 0	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	* TOTALS	
Infiltration Cellular, Lymphocyte Inflammation, Chronic Active						1	2		1															4 1.3	
Mineralization																								2 1.5	
Necrosis																								1 1.0	
Tension Lipidosis				1			1		1	1			1	1										2 2.5	
Vacuolization Cytoplasmic			1																					12 1.1	
Mesentery																								2	
Fat, Necrosis																								1 4.0	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Cyst																								1 4.0	
Infiltration Cellular, Lymphocyte											1									1				6 1.2	
Acinus, Degeneration						1	2		1	1	1						1	2						7 1.3	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Infiltration Cellular, Lymphocyte	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	45 1.3	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Inflammation, Suppurative																			2					1 2.0	

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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	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	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		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	
C57BL/6N XC3H/HEN MTV-NCTR MICE MALE	5	5	5	5	5	6	6	6	6	7	7	8	8	8	8	8	9	9	9	0	0	0	0		
	4	4	4	9	9	4	4	5	5	3	9	0	0	5	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		* TOTALS
Cardiomyopathy																							1	2 1.0	
Polyarteritis																								1 1.0	

ENDOCRINE SYSTEM

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

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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
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	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
ANIMAL ID	4	4	4	9	4	4	5	5	3	9	0	5	5	5	6	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
	* TOTALS																						

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hypospermia																							1 3.0
Infiltration Cellular, Lymphocyte																							2 1.5
Inflammation, Chronic Active			1																				1 1.0
Spermatocele						2																	1 2.0
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cyst							4	3	3							2							7 2.6
Degeneration			3							2	3		2	3	3			4	3		4	2	17 2.9
Infiltration Cellular, Lymphocyte					1																		1 1.0
Inflammation, Suppurative							3	2															2 2.5
Inflammation, Chronic Active																					2		1 2.0
Fat, Necrosis											3												1 3.0
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Infiltration Cellular, Lymphocyte																						1	6 1.2
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lumen, Dilatation																							1 2.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Seminiferous Tubule, Degeneration			3			1											3	1					5 2.0

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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		
	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		
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	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	
AZT-L to 0	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	

HEMATOPOIETIC SYSTEM

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

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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
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	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
AZT-L to 0	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
																							* TOTALS

Hyperplasia, Lymphoid

2 1.0

INTEGUMENTARY SYSTEM

Mammary Gland

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**

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Page 47

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| | 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 | 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 |
| 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 |
| 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 |
| ANIMAL ID | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 |
| AZT-L to 0 | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Mineralization | | | 1 | 1 | | | | | | 1 | 1 | | 1 | | 1 | | | | | | | | 16 | 1.0 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | 1 | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|---|---|-----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 3 | 4 | 1.8 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | | |
| Posterior To Upper Incisor, Dysplasia | | | 3 | | | | | | | | | | 2 | | | | | | | | | | 4 | 2.5 | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |

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| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| 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 |
| 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 | |
| MICE MALE | 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 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | |
| AZT-L to 0 | 4 | 4 | 4 | 9 | 9 | 4 | 4 | 5 | 5 | 3 | 9 | 0 | 0 | 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 |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

| | | | | |
|-----------------------------------|---|---|---|------------|
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 8 |
| Inflammation, Chronic Active | | | | 1 |
| Acinus, Degeneration | | | | 1.5 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|------------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Cyst | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 |
| Infiltration Cellular, Lymphocyte | | | | | | | | 1 | | | | | | | | | | | | | | | | 3 |
| Metaplasia, Osseous | | | | | | | | | | 1 | | | | | | | | | | | | | | 2 |
| Nephropathy | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 3 | 1 | 1 | 39 | |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | 1.3 |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 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 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

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 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 |
| | 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 | 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 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 |
| AZT-H/3TC-H to 0 | 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 | 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 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 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 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver Eosinophilic Focus, Multiple | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 | |
| | 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 | 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 | 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 | 3 | 3 | 2 | 7 | 7 | 7 | 7 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 0 | 0 | 0 | | |
| 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 | | |
| ANIMAL ID | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | | |
| AZT-H/3TC-H to 0 | 4 | 6 | 0 | 0 | 2 | 4 | 4 | 4 | 5 | 6 | 5 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 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 | 8 | 8 | 8 | 8 | 8 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active
Mixed Cell Focus | | 1 | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Necrosis | | | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | 1 | | 2 | | 1 | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte
Acinus, Degeneration | | | | | | | | | | | | | | | | 1 | | | | | | | 1 | | 1 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | A | + | A | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | 1 | | | | 1 | 2 | 1 | | | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia
Ulcer | | | | | | | | | | | | | | | | 3 | | 2 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | A | + | A | + | + | + | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

males (cont...)

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Blood Vessel | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. 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 51

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 | 5 | 5 | 5 | 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 |

| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|
| | 4 | 6 | 0 | 0 | 2 | 4 | 4 | 4 | 5 | 6 | 5 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | |
| 6 | 6 | 0 | 3 | 7 | 2 | 6 | 8 | 1 | 0 | 0 | 4 | 5 | 4 | 8 | 9 | 0 | 1 | 9 | 4 | 5 | 6 | 7 | 8 | |

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 |
| 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 | 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 | 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 | |
| | | 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 | |
| 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 | |
| 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 | |
| | ANIMAL ID | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | males |
| AZT-H/3TC-H to 0 | | 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 | 8 | (cont...) |
| | | 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 | | |

GENITAL SYSTEM

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

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 | 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 | 2 | 3 | 3 | 3 | 3 | 2 | 7 | 7 | 7 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 0 |
| 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 |
| AZT-H/3TC-H to 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 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 | 7 | 9 | 9 | 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 | 8 | 8 | |

males
(cont...)

Bone Marrow
Hyperplasia

A + A + + + + A A + + + + + + + + + + + + + + + + + + +

Lymph Node
Lumbar, Hyperplasia, Lymphoid
Renal, Hyperplasia, Lymphoid

A + + +
2
2

Lymph Node, Mandibular
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma Cell

A + A + + + + A + + + + + + + + + + + + + + + + + + +

Lymph Node, Mesenteric
Angiectasis
Hematopoietic Cell Proliferation
Hemorrhage
Hyperplasia, Lymphoid
Infiltration Cellular, Histiocyte
Infiltration Cellular, Mast Cell
Infiltration Cellular, Plasma Cell
Infiltration Cellular, Polymorphonuclear
Sinus, Dilatation

A + A + + + M M + + + + + + + + + + + + + + + + + + +

Spleen
Congestion
Hematopoietic Cell Proliferation
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
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 BLANK .. Not examined microscopically
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 1) Minimal 3) Moderate
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| 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 | 3 | 3 | 3 | 3 | 2 | 7 | 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 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| AZT-H/3TC-H to 0 | 4 | 6 | 0 | 0 | 2 | 4 | 4 | 4 | 5 | 6 | 5 | 5 | 6 | 7 | 6 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 9 | 9 |
| ANIMAL ID | 6 | 6 | 0 | 3 | 7 | 2 | 6 | 8 | 1 | 0 | 4 | 5 | 4 | 8 | 9 | 0 | 1 | 9 | 4 | 5 | 6 | 7 | 7 | 8 |

**males
(cont...)**

Atrophy 4 3 2 4 4 4 4 3 2 3 3 4 3 4
 Hyperplasia, Lymphoid 2

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 |
| 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
 Page 55

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| AZT-H/3TC-H to 0 | 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 Mineralization | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | 1 | | | | | 1 | 1 | | | | | | 1 | | | 1 | | 1 | 2 | |

males (cont...)

RESPIRATORY SYSTEM

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

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

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

* .. 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

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 Lab: NCTR

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(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 | |
| | 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 | |
| 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 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | |
| AZT-H/3TC-H to 0 | 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 | |
| Necrosis | | | | | 4 | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | | 1 | | 1 | | | | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | A | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphocyte Lumen, Dilatation | | 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
 Page 57

| 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 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 7 | 8 | 6 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 9 | 2 | 2 | 2 | 2 | 4 | 4 | 3 | 5 | 5 | 6 |
| 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 | 1 | 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 |
| | 9 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 1 | 6 | 6 | 4 |
| AZT-H/3TC-H to 0 | 9 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 0 | 1 | 4 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 9 | 6 |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

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

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 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 | 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 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 1 | 6 |
| | 9 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 0 | 1 | 4 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 9 |
| 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 | 1 | 1 | 1 | 1 |
| | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 |
| AZT-H/3TC-H to 0 | 9 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 0 | 1 | 4 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 9 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

*** TOTALS**

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|---|--|--|--|--|---|--|--|--|---|---|---|--|--|--|--|---|----------|------------|--|--|--|
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | | | | | | | | | | 3 | 1.0 | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | 2 | 4.0 | | | |
| Tension Lipidosis | | | | | 1 | | | | | 1 | | | | 1 | 2 | 1 | | | | | 2 | 1 | | | | |
| Vacuolization Cytoplasmic | 1 | | | | | | | | | | | | | | | | | | | | | 3 | 1.0 | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|------------|-----------|--|
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 45 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | 6 | 1.0 | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | 4 | 1.0 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|------------|
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 44 | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | 1 | 2 | 1 | | 2 | | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | 2 | 1 | | 1 | 38 | 1.4 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|------------|-----------|--|
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 45 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-----------|--|
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 43 | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-----------|--|

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|--|
| Tongue | | | | | | | | | | | | | | | | | | | | | | 1 | |
|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|--|

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------|-----------|--|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 46 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| | | | | | | | | | | | | | | | | | | | | | | | 2.0 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|-----------|--|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 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 | | | | | | | | | | | | | | | | | | | | | | | * 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 | | | |
| | 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 | 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 | |
| | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| AZT-H/3TC-H to 0 | 9 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 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 | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | X | X | | | | | 3 |
| Cyst | | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 1.0 |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Subcapsular, Hyperplasia | 1 | 1 | 3 | | 1 | 1 | 2 | | | 1 | | | | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 34 | 1.2 |
| Adrenal Medulla | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 43 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Hyperplasia | 1 | | 1 | | | | | | | | | 2 | | | | | | | | | | | 1 | | | 8 1.8 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | M | M | M | + | 41 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Pars Distalis, Cyst | | | | 1 | | | 1 | | | | | | | | | 1 | | | | | | 1 | | | | 7 1.3 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Follicle, Degeneration | | | | 2 | | | | | | | | | | | | 1 | | | | | | | | | | 3 1.7 |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | | | | 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 | | | | |
| | 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 | | | | |
| | 7 | 8 | 6 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 9 | 2 | 2 | 2 | 2 | 4 | 4 | 3 | 5 | 5 | 6 | |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 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 | 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 | * TOTALS | | |

GENITAL SYSTEM

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

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 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 | 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 | 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 | 6 |
| 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 | 1 | 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 | 0 | 1 |
| AZT-H/3TC-H to 0 | 9 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 1 | 6 | 6 | 4 |
| ANIMAL ID | 9 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 0 | 1 | 4 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 9 | 6 | |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| Atrophy | 3 | | | | | 2 | | | | | | | 3 | 2 | | | | 3 | | | | 3 | 4 | 21 3.2 |
| Hyperplasia, Lymphoid | | | | | 1 | | | | | | | | | | | | | | | | | | | 2 1.5 |

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 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic Active | | | | | 2 | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Ulcer | | | | | 2 | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Epithelium, Hyperplasia | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 1.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 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

| 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 | 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 | 9 | 3 | 9 | 2 | 2 | 2 | 2 | 4 | 4 | 3 | 5 | 5 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 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 | 0 | 0 |
| AZT-H/3TC-H to 0 | 9 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 6 | 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 | |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Mineralization | 1 | 1 | 1 | | 1 | | | | | | | | 1 | | | 1 | | 1 | 1 | | 1 | 1 | | 18 1.1 |

RESPIRATORY SYSTEM

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

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 43 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | 1 | | | | | | | | | | | | 3 1.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 |
| Cyst | | | | | | | | | | 3 | | | | | | | | | | | | | | 2 2.5 |
| Infiltration Cellular, Lymphocyte | | | | | | 3 | | 1 | 1 | | | | | | | | | | | 1 | | | | 5 1.6 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | 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 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 | |
|---|--|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|------------|
| | | 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 | 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 | 6 |
| 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 | |
| ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | |
| AZT-H/3TC-H to 0 | | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 0 | 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 | 6 | |
| | | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Nephropathy | | 1 | 1 | 2 | 1 | 1 | | | 1 | | | 1 | 2 | 1 | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4.0 |

* .. 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 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 |
| 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 | 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 | 5 | 8 | 9 | 2 | 5 | 6 | 3 | 5 | 6 | 8 | 9 | 1 | 7 | 7 | 7 | 8 | 4 | 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 |

males (cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | A | + | + | + | + | + | A | A | + | + | + | A | + | + | + | M | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | A | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon
Inflammation, Chronic Active
Ulcer | A | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| | | | | | | | 4 | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | A | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum
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 | |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| ANIMAL ID | | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 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 | | 1 | 5 | 8 | 0 | 1 | 3 | 8 | 9 | 0 | 0 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| AZT-M/3TC-M to 0 | | 9 | 7 | 1 | 1 | 5 | 8 | 9 | 2 | 4 | 5 | 9 | 6 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | 4 | | | | | | | | | | | | | | | | | | | | | | | X
1 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | |

males
(cont...)

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 67

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
(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 | |
| | 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 | |
| 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 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 5 | 8 | 9 | 2 | 5 | 6 | 3 | 5 | 6 | 8 | 9 | 1 | 7 | 7 | 7 | 7 | 8 | 4 | 4 | 4 | 4 | 4 | 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 | |
| AZT-M/3TC-M to 0 | 2 | 0 | 4 | 6 | 2 | 6 | 3 | 7 | 4 | 9 | 9 | 3 | 2 | 3 | 4 | 8 | 9 | 0 | 6 | 7 | 8 | 9 | 0 | 1 | |

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 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
 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 68

| 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 | 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 |
| | 9 | 7 | 1 | 1 | 5 | 8 | 9 | 2 | 4 | 5 | 9 | 6 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 |
| 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 | 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 |
| AZT-M/3TC-M to 0 | 5 | 8 | 9 | 2 | 5 | 6 | 3 | 5 | 6 | 8 | 9 | 1 | 7 | 7 | 7 | 7 | 8 | 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...)

Follicle, Degeneration 2 1 2

GENERAL BODY SYSTEM

Tissue NOS +

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hypospermia | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Spermatocoele | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Preputial Gland | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | 2 | | | | | | | | 2 | | | | | | |
| Degeneration | | 4 | 4 | | 4 | 3 | 4 | | | 2 | 3 | | 2 | | | | 2 | | 2 | | | | 2 | 3 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | 3 | | | | 2 | | | | | | | | | | | | | |
| Bilateral, Cyst | | | | | 3 | | | | | | | | | | | | | | | | | | | |
| Prostate | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | 1 | 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
Page 69

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 | 6 | 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 |
| 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 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| AZT-M/3TC-M to 0 | 5 | 8 | 9 | 2 | 5 | 6 | 3 | 5 | 6 | 8 | 9 | 1 | 7 | 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 |

males
(cont...)

Inflammation, Chronic Active
 Lumen, Dilatation
 Testes
 Seminiferous Tubule, Degeneration

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
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HEMATOPOIETIC SYSTEM

Bone Marrow
 Fibrosis
 Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
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Lymph Node
 Pancreatic, Hyperplasia, Lymphoid

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Lymph Node, Mandibular
 Hyperplasia, Lymphoid
 Infiltration Cellular, Mast Cell

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Lymph Node, Mesenteric
 Angiectasis
 Hemorrhage
 Hyperplasia, Lymphoid
 Infiltration Cellular, Histiocyte
 Infiltration Cellular, Mast Cell
 Infiltration Cellular, Plasma Cell
 Infiltration Cellular, Polymorphonuclear
 Sinus, Dilatation

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 | 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 | 5 | 8 | 0 | 1 | 3 | 8 | 9 | 0 | 0 | 1 | 1 | 3 | 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 | 5 |
| 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 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| AZT-M/3TC-M to 0 | 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 | 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 | |

males
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Spleen | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hematopoietic Cell Proliferation | | 4 | | 1 | 3 | | | | | | | 3 | | | | 2 | | | | | | | | | | |
| Hyperplasia, Lymphoid Inflammation, Chronic Active | | | | 2 | | 2 | | | | 4 | | | | 4 | | | | | | | 2 | 2 | | | | |
| Thymus | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | |
| Atrophy | | 4 | | 4 | 4 | 3 | 4 | | | | | | 2 | | 2 | 4 | 3 | 2 | | 2 | | 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 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

MUSCULOSKELETAL SYSTEM

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

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
 Page 71
 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 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 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 | 4 | 9 | 0 | 1 | 2 | | |
| AZT-M/3TC-M to 0 | 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...)

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Crystals | | | | | | | | | 3 | | 3 | | 2 | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | 3 | | 3 | | 2 | | 1 | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | 1 | | | | | 1 | | | | 2 | 1 | | | | | | | | 2 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | 2 | | | | | | | | 3 | | | | | | | | | | |
| Nose | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| Mucosa, Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| 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
 Page 72
 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 | 6 | 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 |
| 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 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| AZT-M/3TC-M to 0 | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | A | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| Bilateral, Cataract | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | A | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Infiltration Cellular, Lymphocyte | | | 1 | | | | | | | | 1 | | | | | 1 | | | | | | | | | 1 |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | 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 | 2 | 1 | | | | 1 | 1 | 1 | 1 |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | 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

TDMS No. 20311 - 01
 Test Type: CHRONIC
 Route: IN-UTERO
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 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 |
| 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 |
| | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 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 | 4 | 5 | |
| AZT-M/3TC-M to 0 | 8 | 9 | 0 | 5 | 6 | 7 | 2 | 3 | 4 | 9 | 0 | 1 | 8 | 9 | 0 | 1 | 8 | 9 | 0 | 7 | 8 | 9 | 0 | |
| ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Gallbladder | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 42 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
5 1.8 |
| Intestine Large, Colon
Inflammation, Chronic Active
Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
1 2.0
1 4.0 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Duodenum
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44
1 3.0 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Angiectasis | | | | | | | | | | | | | 3 | | | | | | | | | | | 1 3.0 |
| Basophilic Focus | | | | | | X | X | | X | | | X | | | | | | | | | | | | 5 |
| Basophilic Focus, Multiple | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Eosinophilic Focus | | | | | | | | X | | | | | | | X | | | | | | | | | 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
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 1) Minimal 3) Moderate
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TDMS No. 20311 - 01
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 First Dose M/F: 07/10/03 / NA
 Lab: NCTR

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|---|-----|---|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|-----|-----|-----|-----|
| | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AZT-M/3TC-M to 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 7 7 8 8 8 8 8 9 9 9 9 9 9 9 9 0 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 1 | 4.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | X | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | 2 | 6.7 | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.0 | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.0 | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 | | 1 | | 1 | | | | | | | | | | | | | 5 | 1.0 | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.0 | | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | 1 | | | | | | | | | | | | 5 | 1.2 | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.0 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | | 41 | 1.2 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.0 | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Blood Vessel | + | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | | | | | 46 |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Hyperplasia | X | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.8 |
| Subcapsular, Hyperplasia | 2 2 1 1 1 2 1 1 2 1 1 1 1 1 1 2 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 36 1.3 |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | | 46 |
| Islets, Pancreatic | + | | | | | | | | | | | | | | | | | | | | | | | | 44 |
| Hyperplasia | 1 1 3 2 1 1 | | | | | | | | | | | | | | | | | | | | | | | | 9 1.4 |
| Parathyroid Gland | + + + + + + M + + + + + + M + + + + M + + + | | | | | | | | | | | | | | | | | | | | | | | | 37 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 44 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.3 |
| Pars Distalis, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 46 |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic Active | 2 | | | | | | | | | | | | | | | | | | | | | | | | 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
 Page 76

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 | | | | | | | | | | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | | | | | | | |
| | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 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 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | | | | | | | | | | | | | | | | | | | | |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 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 | 4 | 4 | 4 | 5 | | | | | | | | | | | | | | | | | | | | | |
| AZT-M/3TC-M to 0 | 8 | 9 | 0 | 5 | 6 | 7 | 2 | 3 | 4 | 9 | 0 | 1 | 8 | 9 | 0 | 1 | 8 | 9 | 0 | 7 | 8 | 9 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | 46 | 2 | 45 | 5 | 46 | 4 | 46 | 4 | 4 | 13 | 23 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 4 | | | | | |
| Inflammation, Chronic Active Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| Testes Seminiferous Tubule, Degeneration | | | | | | | | | | | | | | | | | | | | | | | 1 | 4 | | | | | | | | | | | | | | | | | | | | | | | 1 | 5 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|---|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|
| Bone Marrow Fibrosis Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 46 | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular Hyperplasia, Lymphoid Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | | | | | 46 | 4 | 1 | 4 | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric Angiectasis Hemorrhage Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte Infiltration Cellular, Mast Cell Infiltration Cellular, Plasma Cell Infiltration Cellular, Polymorphonuclear Sinus, Dilatation | | | | | | | | | | | | | | | | | | | | | | | 46 | 4 | 13 | 23 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 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
 Page 78

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 |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| | 6 | 3 | 4 | 0 | 0 | 0 | 0 | 6 | 6 | 6 | 0 | 1 | 1 | 6 | 6 | 7 | 7 | 1 | 1 | 7 | 4 | 4 | 4 | 5 |
| AZT-M/3TC-M to 0 | 8 | 9 | 0 | 5 | 6 | 7 | 2 | 3 | 4 | 9 | 0 | 1 | 8 | 9 | 0 | 1 | 8 | 9 | 0 | 7 | 8 | 9 | 0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

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

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 | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Fibrosis | | | | | | | | | | | | | | | 4 | | | | | | | | | 1 4.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Metaplasia, Osseous | | | | | | | | | | 4 | | | | | | | | | | | | | | 1 4.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

MUSCULOSKELETAL SYSTEM

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

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

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 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------------|
| 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 |
| AZT-M/3TC-M to 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 | 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 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 |
| | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Brain, Cerebrum
Degeneration
Gliosis
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
1 2.0
1 2.0
22 1.0 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Crystals | | | | | | | | | | | | | | | | | | | | | | | 3 2.7 |
| Infiltration Cellular, Histiocyte | | | | 2 | | | | | | | | | | | | | | | | | | | 5 2.2 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 5 1.4 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Mucosa, Dysplasia | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Posterior To Upper Incisor, Dysplasia | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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
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 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 |
| 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 |
| MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AZT-M/3TC-M to 0 | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 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 | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

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

URINARY SYSTEM

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

* .. 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 | 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 | |
| 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 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 |
| AZT-L/3TC-L to 0 | 5 | 1 | 3 | 7 | 0 | 2 | 2 | 6 | 7 | 7 | 7 | 3 | 3 | 8 | 8 | 8 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | |
| | 1 | 3 | 7 | 2 | 4 | 5 | 7 | 6 | 1 | 5 | 6 | 7 | 0 | 1 | 2 | 3 | 3 | 4 | 0 | 1 | 2 | 3 | 5 | 5 | |

males
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | M | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum
Infiltration Cellular, Plasma Cell | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum
Inflammation, Chronic Active | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | | | | | | | | | | | | X | X | X | | | | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | X | | | | | | | | | | X |
| Hematopoietic Cell Proliferation | | | | | | | | 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 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ANIMAL ID | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 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
AZT-L/3TC-L to 0 | 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 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 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 |
| | 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 | 3 | 3 | 4 | 0 | 1 | 2 | 3 | 5 | |

males
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active
Tension Lipidosis
Vacuolization Cytoplasmic | | | | | | 1 | | | | | | | | | | | | | 1 | | | | | |
| Mesentery
Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas
Infiltration Cellular, Lymphocyte
Acinus, Degeneration | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | 1 | 1 | | | | 2 | 1 | | | | | |
| Salivary Glands
Infiltration Cellular, Lymphocyte | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | 1 | 1 | | 1 | | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Stomach, Forestomach
Ulcer
Epithelium, Hyperplasia | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular
Epithelium, Hyperplasia | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart
Cardiomyopathy | + | + | + | 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 | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 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 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 8 | |
| AZT-L/3TC-L to 0 | 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...)

Ventricle, Dilatation 3 2

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | 2 | 2 | | | 1 | 2 | 1 | 1 | 1 | 1 | | 1 | 1 | | | | 1 | 1 | | | 1 | 2 | 1 | |
| Adrenal Medulla | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | 1 | | | | | | | 1 | | | | | | | | 1 | 1 | | 1 | 1 |
| Parathyroid Gland | + | + | + | A | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | M | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Pituitary Gland | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | 1 | | | 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
Page 84

| 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 | 8 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| ANIMAL ID | 5 | 1 | 3 | 7 | 0 | 2 | 2 | 6 | 7 | 7 | 7 | 3 | 3 | 3 | 8 | 8 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | | |
| AZT-L/3TC-L to 0 | 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...)

Tissue NOS

GENITAL SYSTEM

Coagulating Gland
Lumen, Dilatation

+
3

Epididymis
Fibrosis
Hypospermia
Infiltration Cellular, Lymphocyte

+ + + A +
2 4 2 2

Preputial Gland
Cyst
Degeneration
Inflammation, Chronic Active
Duct, Dilatation

+ + + A +
3 3 2 2 4 3 4 3 3 2 2 2 2 3 3 2

Prostate
Infiltration Cellular, Lymphocyte

+ + + A +
1 1

Seminal Vesicle
Atrophy
Lumen, Dilatation

+ + + A +
2 3

Testes
Seminiferous Tubule, Degeneration

+ + + A +
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

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 | |
| 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 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 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 | 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 | |
| AZT-L/3TC-L to 0 | | | | | | | | | | | | | | | | | | | | | | | | | |

males
(cont...)

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 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 + | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 3 | 4 | 3 | 6 | 6 | 5 | 5 | 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 | 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 | | |
| AZT-L/3TC-L to 0 | 5 | 1 | 3 | 7 | 0 | 2 | 2 | 6 | 7 | 7 | 7 | 3 | 3 | 3 | 8 | 8 | 8 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | | |
| ANIMAL ID | 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 | |

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
 Page 87
 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 | 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 |
| | 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 | 0 | 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 | 0 | 0 | 0 | 0 | 0 | 0 |
| AZT-L/3TC-L to 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 |
| ANIMAL ID | 5 | 1 | 3 | 7 | 0 | 2 | 2 | 6 | 7 | 7 | 7 | 3 | 3 | 8 | 8 | 8 | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|---|
| 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 | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------|
| | 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 | | | | | | | | | | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| AZT-L/3TC-L to 0 | 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte Nephropathy | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte Lumen, Dilatation | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
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 Page 97

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

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

ALIMENTARY SYSTEM

| | | | |
|---|---|----|-------|
| Esophagus | + | 51 | |
| Gallbladder | + | 49 | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | 50 | 2 2.0 |
| Intestine Large, Colon | + | 50 | |
| Intestine Large, Rectum | + | 50 | |
| Intestine Small, Duodenum
Infiltration Cellular, Plasma Cell | + | 50 | 1 2.0 |
| Intestine Small, Ileum | + | 50 | |
| Intestine Small, Jejunum
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

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Species/Strain: MICE/B6C3F1/NCTR

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

Lab: NCTR

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

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

ENDOCRINE SYSTEM

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

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

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

GENITAL SYSTEM

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

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

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 | |
| | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | |
| MICE MALE | | 1 | |
| | | 2 | |
| | ANIMAL ID | 4 | |
| AZT-L/3TC-L to 0 | | 2 | |
| | | | * TOTALS |

INTEGUMENTARY SYSTEM

| | | | |
|---------------|---|--|--------------|
| Mammary Gland | M | | 0 |
| Skin | + | | 50 |
| Fibrosis | | | 1 4.0 |

MUSCULOSKELETAL SYSTEM

| | | | |
|-------------|---|--|-----------|
| Bone, Femur | + | | 51 |
|-------------|---|--|-----------|

NERVOUS SYSTEM

| | | | |
|-------------------|---|--|---------------|
| Brain, Brain Stem | + | | 50 |
| Brain, Cerebellum | + | | 50 |
| Brain, Cerebrum | + | | 50 |
| Mineralization | 1 | | 29 1.0 |

RESPIRATORY SYSTEM

| | | | |
|----------|---|--|--------------|
| Lung | + | | 50 |
| Crystals | | | 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

Page 103

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

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|-----------------------------------|-----------|---|-----------------|
| | | 0 | |
| | | 7 | |
| | | 4 | |
| | | 0 | |
| | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | |
| MICE MALE | | 1 | |
| | | 2 | |
| | ANIMAL ID | 4 | |
| AZT-L/3TC-L to 0 | | 2 | |
| | | | * TOTALS |

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

SPECIAL SENSES SYSTEM

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

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

* .. 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 105

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 | 0 | 0 | |
| | 0 | 3 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 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 | 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 | 3 | 3 | 3 | |
| 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 | 0 | 0 | |
| 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 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | |
| AZTH/3TCH/NVPH/0 | 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 | 5 | 6 | 5 | 6 | |
| ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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
Hyperplasia, Lymphoid | | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum | | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Liver | | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Basophilic Focus, Multiple | | | | | | | | | | | | | | | | | | | | | X | | | | | | | | | |
| Cyst Multilocular | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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
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BLANK .. Not examined microscopically
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 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 | 3 | 4 | 5 | 5 | 5 | 5 | 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 |

| 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 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 | 5 |
| AZTH/3TCH/NVPH/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 |
| | 9 | 4 | 9 | 4 | 5 | 7 | 7 | 4 | 8 | 9 | 2 | 8 | 4 | 7 | 2 | 8 | 5 | 2 | 2 | 3 | 4 | 5 | 6 | 6 |

males
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 1 | | | | | | | 1 | | | | | | | | | |
| Mesentery Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas Infiltration Cellular, Lymphocyte Acinus, Degeneration | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

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

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 + .. Tissue examined microscopically
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 I .. Insufficient tissue

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Page 107

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

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 CAS Number: AIDSTHERAPEU

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 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 | 3 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 |
| | 8 | 8 | 6 | 5 | 5 | 4 | 1 | 7 | 6 | 6 | 9 | 1 | 1 | 0 | 6 | 4 | 9 | 4 | 2 | 7 | 3 | 3 | 3 | 3 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 0 | 0 | 0 | 0 | 0 |
| AZTH/3TCH/NVPH/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 |
| 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 |

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 | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | M | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Degeneration | | | | | | | | | | | | | | 2 | | | | | | | | | | 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
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| 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 | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| AZTH/3TCH/NVPH/0 | 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 | | | | | | | | | | | | | | | | | | | | | | | |

males
(cont...)

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Epididymis
Hypospermia | + A A + | | | | | | | | | | | | | | | | | | | | | | | |
| Penis | + | | | | | | | | | | | | | | | | | | | | | | | |
| Preputial Gland
Cyst
Degeneration
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active | + A A +
2 2 3 2 2 2 2 4 4 4 5 5
2 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Prostate
Infiltration Cellular, Lymphocyte | + A A +
2 | | | | | | | | | | | | | | | | | | | | | | | |
| Seminal Vesicle
Atrophy
Lumen, Dilatation | + + A +
4 4 | | | | | | | | | | | | | | | | | | | | | | | |
| Testes
Mineralization
Seminiferous Tubule, Degeneration | + + A +
1 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 | 0 | 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 | | | | | | | | |
| | 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 | | | | | | | | |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 | 5 | | | | | | | | |
| AZTH/3TCH/NVPH/0 | 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 | | | | | | | | |
| 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 | | | 1 | | | 2 | | | 2 | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | 1 | | | 3 | | | 1 | | | 2 | | | 2 | | | 3 | | | | | |
| 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 | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | 2 | | | 1 | | | 3 | | | 3 | | | 2 | | | 4 | | | 4 | | |
| | | | | | | | | | | | | | | | | | | | | | | 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

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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| 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 | 3 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 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 | 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 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 | 5 | |
| AZTH/3TCH/NVPH/0 | 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 | |
| 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 | 5 | 6 | |

males
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|--|--|--|---|--|--|--|--|--|--|--|--|---|---|---|--|---|---|---|--|--|--|---|---|
| Atrophy | | | | | 3 | | | | | | | | | 3 | 2 | 4 | | 3 | 3 | 2 | | | | 3 | 3 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | 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 | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis | | | | | | | | | | 4 | 3 | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | 2 | | | | | | 3 | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | 2 | | | | | | 2 | | | | | | 2 | | | |
| Ulcer | | | | 2 | | | | | 3 | | 4 | | | | | | 2 | | | | | 2 | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | 2 | | | | | | | 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
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 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 111

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 5 | 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 |
| | 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 | 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 | 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 |
| AZTH/3TCH/NVPH/0 | 0 | 3 | 3 | 6 | 6 | 8 | 0 | 5 | 5 | 5 | 8 | 8 | 9 | 9 | 0 | 3 | 7 | 8 | 9 | 9 | 8 | 8 | 8 | 5 |
| 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 | |
| Mineralization | | | | 1 | | 1 | | | | | | | | 1 | | | | 1 | | | | 1 | 1 | |

males (cont...)

RESPIRATORY SYSTEM

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

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Infiltration Cellular, Lymphocyte | | | | | | 1 | 1 | | | | | 1 | | | | | | | | 1 | 1 | | | |
| Nephropathy | | | | 1 | 1 | | | 2 | 1 | 1 | 2 | 1 | | 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
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 0 | 0 | |
| | 0 | 3 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 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 | 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| AZTH/3TCH/NVPH/0 | 0 | 3 | 3 | 6 | 6 | 8 | 0 | 5 | 5 | 5 | 8 | 8 | 9 | 9 | 0 | 3 | 7 | 8 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| | 9 | 4 | 9 | 4 | 5 | 7 | 7 | 4 | 8 | 9 | 2 | 8 | 4 | 7 | 2 | 8 | 5 | 2 | 2 | 2 | 3 | 4 | 5 | 6 | 5 | 6 | 5 | 6 | 5 | 6 | 5 | 6 | 5 | 6 | 5 | 6 | 5 | 6 | 5 | 6 | 5 | 6 | |
| ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 4 | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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+ .. Tissue examined microscopically

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|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 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 | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| AZTH/3TCH/NVPH/0 | 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 | |
| ANIMAL ID | 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 |

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 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Basophilic Focus | | | | | | | | X | | | | | | | | | | | | | | | | | | 4 |
| Basophilic Focus, Multiple | | | | | | | | | | | | | | | | | | | | | X | | | | | 1 |
| Cyst Multilocular | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Tension Lipidosis | 2 | | | | | | | | | | | | | 1 | | | | | 1 | | | | 2 | | | 8 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 | | | | | | | | | | | | | | | | | | | | | | | | * 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 | | | |
| | 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 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 |
| | 6 | 6 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 0 | 0 | 5 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 5 | 8 | 2 | 2 | 4 | 4 | 7 | 8 | 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 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery
Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas
Infiltration Cellular, Lymphocyte
Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands
Infiltration Cellular, Lymphocyte
Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.3 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach
Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular
Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 47 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart
Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 48 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 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

Page 115

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 |
| | 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 | 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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
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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 0 | 0 | 5 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 1 | 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 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Adrenal Cortex | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Accessory Adrenal Cortical Nodule | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Depletion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Hypertrophy | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Subcapsular, Hyperplasia | 2 | 2 | 1 | 1 | 1 | | 2 | | | 1 | | | | 2 | 1 | | | | 2 | 1 | 2 | 1 | | 1 | 2 | | | | | | | | | | 33 | 1.3 | |
| Adrenal Medulla | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 34 | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 2 | 1.5 |

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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 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 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 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 | 0 | 6 | 1 | 0 | 8 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | | | |
| 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 | 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 | 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 | | | | | |
| AZTH/3TCH/NVPH/0 | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | | |
| ANIMAL ID | 0 | 0 | 5 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 1 | 1 | 5 | 5 | 8 | 2 | 2 | 4 | 4 | 4 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Hyperplasia 3 2.7

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inguinal, Hyperplasia, Lymphoid | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inguinal, Pigmentation | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | 1 | 1 | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | 1 | | | | 1 | | 1 | | 4 | 1 | | | | | 3 | | | | 2 | | 2 | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 2 | | | | 3 | | 2 | | 2 | 3 | | | 2 | | | | | | 2 | 2 | | 1 | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sinus, Dilatation | | | | | | | | | | 2 | 3 | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | 2 | | | 2 | | 2 | 4 | | 4 | | | 2 | 2 | 2 | | | 2 | 4 | | | | | | | | | | | | | | | | | | | | | |

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|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Thymus | + | + | 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 118

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| 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 | 7 | 7 | 7 |
| 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 3 | 4 | 3 | 3 | 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 | 8 | 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 |
| ANIMAL ID | 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 |
| 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 | 2 | 2 | |
| 0 | 0 | 5 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 5 | 5 | 5 | 8 | 2 | 2 | 4 | 4 | 7 | 8 | 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 | 1 | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | 3 | 2 | 2 | 3 | | 2 | | | | | | | | | 3 | 2 | | | 2 | | | | 17 2.6 |
| Hyperplasia, Lymphoid | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 2.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

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 | M | M | M | 0 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.5 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 2.6 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |

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
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1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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| 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 | 5 | 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 | 1 | 1 | 3 | 4 | 3 | 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 | 0 | 0 | 1 | 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 | 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 | | 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
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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 | 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 | | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AZTH/3TCH/NVPH/0 | | 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 |
| ANIMAL ID | | 0 | 0 | 5 | 1 | 1 | 1 | 7 | 1 | 1 | 1 | 7 | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | 1 | | | | | 1 | | | 1 | | | | | 7 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | 1.0 |
| 3 3.7 | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
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| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| ANIMAL ID
C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE
AZTM/3TCM/NVPM/0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 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 |
| | 5 | 7 | 7 | 8 | 0 | 3 | 0 | 2 | 3 | 6 | 7 | 1 | 3 | 3 | 3 | 8 | 8 | 8 | 5 | 5 | 5 | 6 | 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...)

ALIMENTARY SYSTEM

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

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 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 | |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AZTM/3TCM/NVPM/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 | 5 | |
| ANIMAL ID | 5 | 7 | 7 | 8 | 0 | 3 | 0 | 2 | 3 | 6 | 7 | 1 | 3 | 3 | 3 | 8 | 8 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | males
(cont...) | |
| | 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 | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | |

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 | |
| 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 | 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 | 5 | 6 | 6 | |
| AZTM/3TCM/NVPM/0 | 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 | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | 3 | | | 3 | 3 | | 2 | 3 | | 2 | 2 | 2 | 4 | | 3 | 2 | | 3 | | | 3 | 2 | |
| Prostate
Infiltration Cellular, Lymphocyte | M | A | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| Seminal Vesicle
Lumen, Dilatation | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| Testes
Seminiferous Tubule, Degeneration | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | 1 | | | | 1 | | 1 | | 3 | | | | | 2 | | 1 | | |

HEMATOPOIETIC SYSTEM

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

* .. 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 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 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 | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| MICE MALE | 0 0 0 0 0 1 1 2 2 2 2 2 3 4 4 4 4 4 4 5 5 5 5 5 | | | | | | | | | | | | | | | | | | | | | | | |
| AZTM/3TCM/NVPM/0 | 5 7 7 8 0 3 0 2 3 6 7 1 3 3 3 8 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 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 | | | | | | | |
| 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
 Page 126

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
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 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 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 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 | 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 | 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 |
| | 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 | 5 |
| ANIMAL ID | 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 | 6 |
| AZTM/3TCM/NVPM/0 | 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 | 2 |

males
(cont...)

Epithelium, Hyperplasia

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

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

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CAS Number: AIDSTHERAPEU

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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 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 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 | 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 | 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 |
| | 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 | 5 |
| AZTM/3TCM/NVPM/0 | 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 | 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 | 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 | | | | | 1 | 1 | 1 | | | | | | 1 | | | | | | | | | | 2 | | 1 | |
| Pelvis, Dilatation | | | 3 | | 1 | | | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | | | | |
| | | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder Infiltration Cellular, Lymphocyte | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 1 | | | | | | | 1 | | 2 | 2 | | | 1 | | | | | 1 | 1 | | | | |
| | | | | | | | 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 | 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 |
| 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 |
| MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| AZTM/3TCM/NVPM/0 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID | 0 | 0 | 0 | 5 | 6 | 4 | 4 | 4 | 6 | 1 | 1 | 6 | 7 | 7 | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

ALIMENTARY SYSTEM

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|--------------|---------------|
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Pancreas | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | |
| Infiltration Cellular, Lymphocyte Acinus, Degeneration | | | | | 1 | | | | | | | | | | | | | | | 1 | | | 4 1.0 | | |
| | | | | | 1 | | | | | | | | 2 | | | | | | | | | | 3 1.3 | | |
| Salivary Glands | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | |
| Infiltration Cellular, Lymphocyte | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | | | | | 1 | 1 | 1 | 2 | 1 | | 2 | 2 | 1 | | 1 | 2 | 35 1.3 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|---------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Accessory Adrenal Cortical Nodule | X | | | | | | X | | | | | | | | | | | | | | | | 4 | |
| Hypertrophy | | | | | | | | | | | | | | | | | | 1 | 2 | | | | 2 1.5 | |
| Subcapsular, Hyperplasia | 2 | 1 | | | 1 | 1 | 1 | 2 | | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | | | 3 | 2 | 37 1.4 |

* .. 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

| | | 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 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 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 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 5 | 4 | 5 | 6 | 7 | 3 | 4 | 5 | 8 | 9 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| Adrenal Medulla | | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | 44 |
| Islets, Pancreatic
Hyperplasia | | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | 1 | | | | | | | 2 | | | | | 1 | 1 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | 45 |
| | | | | | | | | | | | | | | | | | | | | | | | 9 1.6 |
| Parathyroid Gland
Infiltration Cellular, Lymphocyte | | M | + | M | + | M | + | + | + | + | + | + | M | + | + | + | M | + | + | + | M | + | |
| | | | | | | | | | | | | | | | | | | | | | | | 33 |
| | | | | | | | | | | 1 | | | | | | | 1 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Pituitary Gland
Pars Distalis, Hyperplasia | | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | 3 | | | | | | | | | | | 2 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | 44 |
| | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Thyroid Gland
Follicle, Degeneration | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | 2 | | | | | | | | 2 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | 45 |
| | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Coagulating Gland
Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Epididymis
Hypospermia
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active
Mineralization | | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | 3 | | | | | | | 2 | | | | | 2 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | 45 |
| | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | 3 2.3 |
| | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | 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

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 |
| 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 | 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 |
| AZTM/3TCM/NVPM/0 | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|-----------|------------|------------|
| Spermatocoele | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 4.0 | |
| Duct, Degeneration | 4 | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Preputial Gland | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | M | + | + | + | + | + | + | + | | | |
| Cyst | 2 | 2 | | 2 | | | | | | | | 2 | | | | | | | | | | | | | | |
| Degeneration | 3 | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.7 | |
| Inflammation, Suppurative | 3 | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Inflammation, Chronic Active | 2 | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.7 | |
| Prostate | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Infiltration Cellular, Lymphocyte | 2 | | | | | | | | | | | | | | | | | | | | | | | 43 | 2 | 1.5 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | 45 | 1 | 1.0 |
| Testes | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Seminiferous Tubule, Degeneration | 3 | | | | | | | | | | | | | | | | | | | | | | | 45 | 7 | 1.7 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|
| Bone Marrow | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | 45 | 1 | 2.0 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Axillary, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 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 | 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 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 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 |
| 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 | 1 | 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 | 1 |
| AZTM/3TCM/NVPM/0 | 0 | 0 | 0 | 5 | 6 | 4 | 4 | 4 | 6 | 1 | 1 | 6 | 7 | 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 | |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

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

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Thymus Atrophy | + | + | M | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | M | M | 37 |
| | | | | 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 Inflammation, Chronic Active | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | 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
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 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 133

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 |
| 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 | 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 |
| | 0 | 0 | 0 | 5 | 6 | 4 | 4 | 4 | 6 | 1 | 1 | 6 | 7 | 7 | 7 | 1 | 1 | 1 | 5 | 5 | 6 | 6 | |
| AZTM/3TCM/NVPM/0 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 5 | 4 | 5 | 6 | 7 | 3 | 4 | 5 | 8 | 9 | 0 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

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 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
Page 134

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 |
| 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 | 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 |
| AZTM/3TCM/NVPM/0 | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | 1 | 2 1.5 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Cyst | | | | | | 2 | | | | | | 2 | | | | | | | 1 | | | | 3 1.7 |
| Infiltration Cellular, Lymphocyte | | 2 | | | | | | | 1 | | | | | | | | | | | 1 | | | 9 1.2 |
| Nephropathy | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | | | | 1 | 1 | | 1 | 31 1.1 |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Infiltration Cellular, Lymphocyte | 1 | 2 | | | 1 | | | | | | | 1 | | | | | | | | | | | 11 1.3 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | 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 | 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 | |
| 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 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 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 | males (cont...) |
| AZTL/3TCL/NVPL/0 | 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 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | M | + | A | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + |
| Intestine Large, Colon | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum
Infiltration Cellular, Polymorphonuclear
Epithelium, Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + |
| Intestine Small, Ileum
Infiltration Cellular, Polymorphonuclear
Inflammation, Suppurative | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + |
| Liver
Basophilic Focus
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
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 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 | 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 |
| | 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 | 0 | 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 | 0 | 0 | 0 | 0 | 0 | 0 |
| AZTL/3TCL/NVPL/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 | 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 | | | | | X | | | | | | | | | | |
| Focal Cellular Change | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | 4 | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | 2 | 1 | 1 | | | | | | | | | 1 |
| Vacuolization Cytoplasmic | | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| Oval Cell, Hyperplasia | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | |

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
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Species/Strain: MICE/B6C3F1/NCTR

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CAS Number: AIDSTHERAPEU

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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 | 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 | |
| | | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 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 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | |
| | | 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 |
| AZTL/3TCL/NVPL/0 | | 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...)

Infiltration Cellular, Polymorphonuclear
Inflammation, Chronic Active
Epithelium, Hyperplasia
Glands, Hyperplasia

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | | 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 | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | 2 | | | | | | | | | | 2 | 2 |
| Parathyroid Gland | + | + | M | + | + | + | + | + | + | + | + | + | M | + | + | + | M | M | + | + | M | + | + | + | + |
| 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

Page 138

TDMS No. 20311 - 01

Test Type: CHRONIC

Route: IN-UTERO

Species/Strain: MICE/B6C3F1/NCTR

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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 | ANIMAL ID | males
(cont...) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|--|
| | 2 | 4 | 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 | | | | |
| | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | 0 | 0 | 0 | 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 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | | | | |
| | 1 | 4 | 7 | 0 | 1 | 3 | 4 | 5 | 8 | 2 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 6 | 6 | 6 | 6 | 0 | 1 | 6 | | | |
| AZTL/3TCL/NVPL/0 | 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 | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Pituitary Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ectopic Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 139

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 |
| 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 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | |
| AZTL/3TCL/NVPL/0 | 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 Spermatocele | | | | | | | | | 4 | | | | | | | | | | | | | | | | |
| Preputial Gland Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| 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 | | |
| Inflammation, Chronic Active | | | 2 | | | | | | | | | | | | | | | | 4 | | | | | | 1 |
| Prostate | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte Inflammation, Suppurative | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Amyloid Deposition | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Atrophy | | | | | | 3 | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active 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 | 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 | 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
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 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | |
| AZTL/3TCL/NVPL/0 | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 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

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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 | 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 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | |
| 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 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 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 | 6 | | males | |
| AZTL/3TCL/NVPL/0 | 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 | (cont...) | |

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 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 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

| | 0 | 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 | 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
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 |
| 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 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| AZTL/3TCL/NVPL/0 | 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 |
| | 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 | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Urinary Bladder | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | 1 | 1 | 1 | | | 1 | | | | | | | | | | | | 1 | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| 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 | |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | |
| 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 | 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 | |
| AZTL/3TCL/NVPL/0 | 8 | 9 | 9 | 4 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | | |
| ANIMAL ID | 9 | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 0 | 1 | 2 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 5 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

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

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 | 1 | 0 | 4 | 4 | 5 | 6 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | |
| AZTL/3TCL/NVPL/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 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | |
| | 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 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | | | | |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 1.2 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 | | | | | | | | | | | | |
| Oval Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | | | | | | | | | | | |
| Cyst | 4 | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | | | | | | | | | | | | |
| Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | | | | | | | | | | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 1.0 | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | | | | | | | | | | | | |
| Acinus, Degeneration | | | | | | | 2 | 1 | | | | | | | | | | | 1 | 2 | 5 | 1.4 | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 39 | 1.3 | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | | | | | | | | | | |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | 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

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | |
| | 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 | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 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 | |
| ANIMAL ID | 8 | 9 | 9 | 4 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | |
| AZTL/3TCL/NVPL/0 | 9 | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 0 | 1 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 5 |

* TOTALS

| | | |
|--|---|---|
| Infiltration Cellular, Polymorphonuclear | 2 | 2 |
| Inflammation, Chronic Active | 1 | 2 |
| Epithelium, Hyperplasia | 1 | 2 |
| Glands, Hyperplasia | 1 | 3 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | 47 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | 47 |
| | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | X | | | | | |
| Hypertrophy | | | | | | | | | 1 | | 1 | | | 1 | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | 1 | 2 | | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | | 3 | 1 | 2 | | 2 | 1 | 2 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 47 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | 3 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | 38 1.4 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | 46 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | 3 | | | 2 | | | | | | 2 | | | | 1 | | | | | | | | | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 47 |
| | | | | | | | | | | | | | | | | | | | | | | | | 8 1.9 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | + | + | + | + | + | + | M | + | + | M | + | + | + | M | + | + | + | + | M | + | M | + | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | 38 |
| | | | | | | | | | | | | | | | | | | | | | | | | 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 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| 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 | 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 |
| AZTL/3TCL/NVPL/0 | 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 | 0 | 1 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 5 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | |

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

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Abdominal, Fibrosis | | | | | 4 | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Abdominal, Infiltration Cellular,
Polymorphonuclear | | | | | 4 | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Abdominal, Inflammation, Granulomatous | | | | | 4 | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Abdominal, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Coagulating Gland | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | 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

| | 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 | |
| | 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 | 4 | 6 | 6 | 6 | 6 | |
| 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 | 1 | 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 | 0 | 1 | 1 | 1 | 1 | |
| ANIMAL ID | 8 | 9 | 9 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | | |
| AZTL/3TCL/NVPL/0 | 9 | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 0 | 1 | 2 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 5 | * TOTALS |
| Hypospermia | | | | | | | | | | | | | | | | | | | | | | | | | 2 4.0 |
| Infiltration Cellular, Lymphocyte | | | | 2 | | | | | | 1 | | | | | | | | | | | | | | | 4 1.5 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Spermatocoele | | | | 3 | | | | | | | | | | | | | | | | 4 | | | | | 2 3.5 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | 2 | | | 3 3.0 |
| Degeneration | 3 | 2 | | | | | 4 | 2 | | | | | 2 | 3 | 4 | | | 3 | 2 | | | | | | 27 3.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | 3 2.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.7 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Infiltration Cellular, Lymphocyte | | | | | 1 | | | | | 2 | | | | | | | | | | | 1 | | | | 4 1.3 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | 7 2.6 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Seminiferous Tubule, Degeneration | | 2 | | | | | | 2 | | | | | 2 | | | | | | | | 1 | | | | 10 2.0 |

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

| | 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 | |
| | 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 | 6 | |
| 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 | 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 | |
| ANIMAL ID | 8 | 9 | 9 | 4 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | |
| AZTL/3TCL/NVPL/0 | 9 | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 0 | 1 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 5 | | * TOTALS |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Lymph Node | | | | | | | | | | | | | | + | | | | | | | | | | | 3 |
| Axillary, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Axillary, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Axillary, Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inguinal, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inguinal, Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Lumbar, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Renal, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Renal, Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 10 1.4 |
| Infiltration Cellular, Plasma Cell | | | | 1 | | 1 | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lymph Node, Mesenteric | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Angiectasis | | | | | | | 1 | | | | | | 2 | | 2 | 2 | | | 2 | 2 | | | | 10 1.8 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 | |
| Hemorrhage | | | | | 3 | | 2 | | | | 3 | | | 1 | 2 | 2 | | | 2 | 2 | | | 1 | 13 1.9 | |
| Hyperplasia, Lymphoid | 2 | 1 | 2 | 2 | | 2 | 2 | 3 | | | | | 2 | 1 | 2 | 2 | | | 2 | 2 | | 2 | 3 | 29 2.1 | |
| Infiltration Cellular, Histiocyte | 2 | | | | | | | | | | | | | | | | | | 2 | | | | | 2 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 | |
| | 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 | |
| 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 | 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 | |
| ANIMAL ID | 8 | 9 | 9 | 4 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | | |
| AZTL/3TCL/NVPL/0 | 9 | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 0 | 1 | 2 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 5 |

* TOTALS

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | 4 | | 3 | 3.3 |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Sinus, Dilatation | | | 1 | | | | | | | | | | | | 2 | 1 | 2 | 2 | | | | | | | | 8 | 1.8 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | 47 | |
| Depletion Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Hematopoietic Cell Proliferation | | | | 2 | | | | | | | | | | 2 | | | | | | 3 | | | | | | 7 | 2.9 |
| Hyperplasia, Lymphoid | | | | 3 | | | 2 | | | 2 | | | | | 2 | 2 | | | | 4 | 2 | | | | | 20 | 2.4 |
| Thymus | + | + | M | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | M | + | M | + | | | 39 | | |
| Atrophy | 3 | | | | | | | | | | | 3 | | | | | | 3 | | 2 | | 3 | 3 | | | 18 | 2.8 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |

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 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | 47 | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.5 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|----|--|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | 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 151

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 |
| 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 | 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 |
| AZTL/3TCL/NVPL/0 | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

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

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 |
| 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 | 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 |
| | 8 | 9 | 9 | 4 | 4 | 4 | 4 | 6 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 |
| AZTL/3TCL/NVPL/0 | 9 | 0 | 1 | 4 | 5 | 6 | 7 | 6 | 9 | 2 | 1 | 2 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 2 | 3 | 4 | 5 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Cataract | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Bilateral, Cataract | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | 47 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | 47 |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | 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 | | |
| | | | | | | | | | | | | | | | | | | | | | | | 38 1.3 |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | 47 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 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
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 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
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CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009
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 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 |
| DAY ON TEST | 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 | |
| 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 | 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 | |
| AZTH/3TCH/NFVH/0 | 7 | 2 | 1 | 5 | 4 | 9 | 4 | 4 | 7 | 8 | 9 | 0 | 3 | 6 | 7 | |
| | * TOTALS | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Gallbladder | M | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 13 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14
2 1.5 |
| Intestine Large, Colon | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14 |
| Intestine Large, Rectum | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14 |
| Intestine Small, Duodenum | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14 |
| Intestine Small, Ileum | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14 |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14
1 2.0 |
| Liver
Eosinophilic Focus
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | 15
1
3 1.0 |
| Pancreas
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15
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 | |
| | 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 | | |
| 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 | 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 | | |
| AZTH/3TCH/NFVH/0 | 7 | 2 | 1 | 5 | 4 | 9 | 4 | 4 | 7 | 8 | 9 | 0 | 3 | 6 | 7 | | |
| | | | | | | | | | | | | | | | | | * TOTALS |

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Acinus, Degeneration | | | | | | | | | | | | | | | | | 2 | 1 | 2 1.5 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | 15 |
| Infiltration Cellular, Lymphocyte | 1 | 1 | | 1 | 1 | 2 | 2 | 2 | | 1 | 1 | 1 | 1 | | | | | | 11 1.3 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | 15 |
| Stomach, Glandular | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | | | 14 |
| Inflammation, Chronic Active | | | | | | | | | | 2 | | | | | | | | | 1 2.0 |
| Ulcer | | | | | | | | | | 2 | | | | | | | | | 1 2.0 |
| Epithelium, Hyperplasia | | | | | | | | | | 3 | | | | | | | | | 1 3.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--------------|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | 15 |
| Polyarteritis | | | | | | | | | | | | | | | | | 1 | | 1 1.0 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | 15 |
| Polyarteritis | | | | | | | | | | | | | | | | | 2 | | 1 2.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|---------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | 15 |
| Subcapsular, Hyperplasia | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 2 | | 2 | 1 | | 1 | 2 | | | | 12 1.3 |
| Adrenal Medulla | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | | | 13 |

* .. 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 155

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 |
| C57BL/6N XC3H/HEN MTV-NCTR | 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 | 1 | 1 | 1 | 1 |
| | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 7 | 7 | 7 | 0 | 1 | 1 | 1 |
| AZTH/3TCH/NFVH/0 | 6 | 8 | 9 | 9 | 2 | 0 | 3 | 4 | 0 | 4 | 4 | 5 | 2 | 6 | 6 | 6 |
| | 7 | 2 | 1 | 5 | 4 | 9 | 4 | 4 | 7 | 8 | 9 | 0 | 3 | 6 | 7 | 7 |
| | | | | | | | | | | | | | | | | * TOTALS |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|
| Islets, Pancreatic
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | 1 1.0 |
| Parathyroid Gland | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | 13 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | 1 | | | | | | | | | 1 1.0 |
| Polyarteritis | | 2 | | | | | | | | | | | | | | | | 1 2.0 |
| Follicle, Cyst | | | | | | | | | | | | | 2 | | | | | 1 2.0 |
| Follicle, Degeneration | | | | | | | | 2 | | | | | | 2 | | | | 2 2.0 |

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| Hypospermia | | | | | 3 | | | | | | | | | | | | | 1 3.0 |
| Polyarteritis | | 2 | | | | | | | | | | | | | | | | 1 2.0 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| Cyst | | | | | | | 2 | | | | | | | | 3 | | | 2 2.5 |
| Degeneration | 2 | | 4 | | 3 | | 2 | 2 | | 3 | | | | | | | | 6 2.7 |
| Inflammation, Chronic Active | | | | | | | | | 2 | | | | | | | | | 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:
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TDMS No. 20311 - 01
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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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 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 | |
| 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 | 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 | |
| AZTH/3TCH/NFVH/0 | 7 | 2 | 1 | 5 | 4 | 9 | 4 | 4 | 7 | 8 | 9 | 0 | 3 | 6 | 7 | |
| | | | | | | | | | | | | | | | | * TOTALS |

| | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Infiltration Cellular, Lymphocyte | | | | | | | | 1 | 1 | 2 | | | | | | 3 1.3 |
| Polyarteritis | | 2 | | | | | | | | | | | | | | 1 2.0 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Seminiferous Tubule, Degeneration | | | 1 | | 3 | | | | | | | | | | | 2 2.0 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Hyperplasia | | | | | | | | | | | | | | 2 | | 1 2.0 |
| Lymph Node | | | | | | | | | + | | + | | | | + | 3 |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | 2 | | 1 2.0 |
| Lymph Node, Mandibular | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 14 |
| Hyperplasia, Lymphoid | 2 | | | | | | | | | | | 1 | | | | 2 1.5 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 14 |
| Angiectasis | | | | 2 | | | 3 | | 2 | | | 2 | | | | 4 2.3 |
| Hemorrhage | | 2 | | | | | | | | | | | | | | 1 2.0 |
| Hyperplasia, Lymphoid | | 2 | | | 3 | 3 | | | 2 | | | | 3 | 2 | | 6 2.5 |
| Infiltration Cellular, Plasma Cell | | | | | 3 | 4 | | | | | | | | | | 2 3.5 |
| Polyarteritis | | 3 | | | | | | | | | | | | | | 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

| 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 | |
| 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 | 1 | 1 | 1 | |
| | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 7 | 7 | 7 | 0 | 1 | 1 | |
| AZTH/3TCH/NFVH/0 | 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 | |
| | | | | | | | | | | | | | | | | * TOTALS |

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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 CAS Number: AIDSTHERAPEU

Date Report Requested: 06/29/2009
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 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 | |
| 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 | 1 | 1 | 1 | |
| | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 7 | 7 | 7 | 0 | 1 | 1 | |
| AZTH/3TCH/NFVH/0 | 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 | |
| | | | | | | | | | | | | | | | | * TOTALS |

| | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Mineralization | | | | | | | | | 1 | | | | | 1 | 1 | 3 1.0 |
| Polyarteritis | | | 2 | | | | | | | | | | | | | 1 2.0 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Crystals | | | 4 | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Histiocyte | | | 4 | | | | | | | | | | 1 | | | 2 2.5 |
| Infiltration Cellular, Lymphocyte | | | | | 2 | 1 | | | | 1 | | | | | | 3 1.3 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | 4 | 2 | | | 2 3.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Eye | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14 |
| Harderian Gland | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 14 |
| Foreign Body | | | | | | | | | | | | X | | | | 1 |
| Infiltration Cellular, Lymphocyte | | | 1 | 1 | | | | | 1 | | | | | | | 3 1.0 |
| Inflammation, Chronic Active | | | | | | | | 1 | | 2 | | | | | | 2 1.5 |

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
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TDMS No. 20311 - 01
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Date Report Requested: 06/29/2009
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 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 | |
| C57BL/6N XC3H/HEN MTV-NCTR | 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 | 1 | 1 | 1 | |
| | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 7 | 7 | 7 | 0 | 1 | 1 | |
| AZTH/3TCH/NFVH/0 | 6 | 8 | 9 | 9 | 2 | 0 | 3 | 4 | 0 | 4 | 4 | 5 | 2 | 6 | 6 | |
| ANIMAL ID | 7 | 2 | 1 | 5 | 4 | 9 | 4 | 4 | 7 | 8 | 9 | 0 | 3 | 6 | 7 | |
| | * TOTALS | | | | | | | | | | | | | | | |
| Kidney | + + + + + A + + + + + + + + + | | | | | | | | | | | | | | | 14 |
| Infiltration Cellular, Lymphocyte | 2 | | | | | | | | | | | | | | | 1 2.0 |
| Metaplasia, Osseous | 2 | | | | | | | | | | | | | | | 1 2.0 |
| Nephropathy | 3 | 2 | 1 | | | 1 | | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | |
| Polyarteritis | 2 | | | | | | | | | | | | | | | 12 1.3 |
| | | | | | | | | | | | | | | | | 1 2.0 |
| Urinary Bladder | + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | 15 |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | | | | 2 1.0 |
| Polyarteritis | 1 | | | | | | | | | | | | | | | 1 1.0 |
| Lumen, Dilatation | 3 | | | | | | | | | | | | | | | 2 2.5 |

* .. 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
 Page 160

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 | |
| | 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 | |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AZTM/3TCM/NFVM/0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | |
| ANIMAL ID | 6 | 4 | 8 | 9 | 0 | 1 | 1 | 6 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 5 | 5 | 5 | 6 | 6 | 6 | 2 | 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
Hyperplasia, Lymphoid | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum
Hyperplasia, Lymphoid | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum
Hyperplasia, Lymphoid | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | X | | | | | | | | | | | | | | | | | |
| Clear Cell Focus, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | X | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 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
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TDMS No. 20311 - 01
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CAS Number: AIDSTHERAPEU

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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 | 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 | | |
| 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 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | | |
| | 6 | 4 | 8 | 9 | 0 | 1 | 1 | 6 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 5 | 5 | 6 | 6 | 6 | 2 | | | |
| AZTM/3TCM/NFVM/0 | 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...) | |
| Inflammation, Chronic Active
Mixed Cell Focus | | | | | 1 | 2 | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | 3 | 3 | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery
Fat, Necrosis | | | | | | | | + | | | | | | | | | | | | | | | | | | | |
| Pancreas
Fibrosis | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Infiltration Cellular, Lymphocyte | | | | | 1 | | | | 1 | | | | | | | | | | | | | 1 | | | | | |
| Inflammation, Chronic Active
Acinus, Degeneration | | | | | | | | | | | 1 | | | | | 4 | | | | | | 2 | | | | | |
| Salivary Glands
Infiltration Cellular, Lymphocyte | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | 1 | 2 | | | 2 | | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | | 2 | 1 | 1 | 1 | | | |
| Stomach, Forestomach
Epithelium, Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular
Epithelium, Hyperplasia | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

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
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| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 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 |
| | 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 |
| 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 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 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 |
| AZTM/3TCM/NFVM/0 | 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 | |

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|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Medulla
Hyperplasia | + | + | A | + | + | + | + | M | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

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|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Islets, Pancreatic
Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | 1 | | | | | | 3 | 2 | | | | | | | | 2 |

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|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parathyroid Gland | + | + | M | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | M | + | + | M | + |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

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|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pituitary Gland
Pars Distalis, Cyst
Pars Distalis, Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |
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|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thyroid Gland
Infiltration Cellular, Lymphocyte
Follicle, Degeneration
Follicular Cell, Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | |

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:
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TDMS No. 20311 - 01
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 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 | | | | | | |
| | 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 | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | |
| AZTM/3TCM/NFVM/0 | 0 | 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 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | | | | | | |
| | 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...) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 2 | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inguinal, Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | |

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 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 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | |
| 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 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 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 | 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...)

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 Mineralization | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | 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
 Page 166

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 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AZTM/3TCM/NFVM/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 |
| ANIMAL ID | 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 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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
 Page 167

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 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 | 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 | 9 | 7 | 7 | 7 | 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 | 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 | |
| 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 | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|---|--|---|--|--|--|--|---|--|--|--|---|--|--|--|--|--|--|---|---|--|--|--|--|--|
| Inflammation, Chronic Active Mixed Cell Focus
Necrosis
Tension Lipidosis
Vacuolization Cytoplasmic | | | | 2 | | 2 | | | | | 2 | | | | 1 | | | | | | | 2 | 1 | | | | | |
| Mesentery
Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas
Fibrosis
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active
Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands
Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach
Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular
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

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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 | 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 |
| | 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 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 | 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 |
| AZTM/3TCM/NFVM/0 | 2 | 2 | 2 | 2 | 2 | 6 | 8 | 8 | 8 | 9 | 1 | 1 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 8 |
| | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex Hypertrophy Subcapsular, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| | 2 | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 2 | 1 | 1 | 2 | 1 | | 1 | 1 | | 1 | 1 | 1 |
| Adrenal Medulla Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | 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
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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
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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 | 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 |
| | 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 | 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 |
| ANIMAL ID | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 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 | 9 | 1 | 1 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 8 |
| | 4 | 4 | 5 | 6 | 7 | 8 | 2 | 7 | 9 | 0 | 0 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 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
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 Route: IN-UTERO
 Species/Strain: MICE/B6C3F1/NCTR

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 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 | |
| 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 | |
| | 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 | 2 | 6 | 8 | 8 | 8 | 9 | 1 | 1 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 8 | 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 | 6 | |
| | males (cont...) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inguinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | | | 2 | | | | | | | | | | | 2 | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | 1 | | | | | | | | | | 3 | | | | | 1 | 2 | | | 2 | | | | | 2 |
| Hemorrhage | | | 2 | | 2 | 2 | | | | | 1 | | 3 | 2 | 2 | | | | 2 | | | | | | | | 2 |
| Hyperplasia, Lymphoid | 2 | 2 | 2 | 2 | 2 | 1 | | 3 | 2 | | 3 | | 2 | | | 2 | 2 | 2 | | | 3 | | 2 | 3 | 2 | 4 | 2 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | |
| Sinus, Dilatation | | | 2 | | | 2 | | | | | | | 2 | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Spleen | | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | 3 | 2 | 3 | | | | | | 2 | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | 2 | | | | | 2 | | 3 | 2 | | | 2 | 2 | | | | 2 | 2 | 2 | | | 2 |
| Thymus | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Atrophy | | | | 2 | | 2 | 3 | | | | | | | | | | | 2 | | | 2 | 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
 Page 173

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 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ANIMAL ID | 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 |
| | 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 | 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 |
| AZTM/3TCM/NFVM/0 | 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 | 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 | 6 |
| males (cont...) | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

Mammary Gland

M M

Skin
Fibrosis
Inflammation, Chronic Active
Epithelium, Hyperplasia

+ +

MUSCULOSKELETAL SYSTEM

Bone, Femur

+ +

Skeletal Muscle

NERVOUS SYSTEM

Brain, Brain Stem

+ +

Brain, Cerebellum

+ +

Brain, Cerebrum
Mineralization

+
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 | 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 | 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 | 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 | 7 | 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 | 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 |
| | 2 | 2 | 2 | 2 | 2 | 6 | 8 | 8 | 8 | 8 | 9 | 1 | 1 | 4 | 4 | 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 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 6 | | | | |
| ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Degeneration | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | |

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

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 |
| | 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 |
| DAY ON TEST | 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 |
| | 0 | 0 | 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 |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE | 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 |
| ANIMAL ID | 2 | 2 | 2 | 2 | 2 | 6 | 8 | 8 | 8 | 9 | 1 | 1 | 4 | 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 |
| 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 |
| Urinary Bladder | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lumen, Dilatation | 1 | | | | | | | | | 1 | | | | 4 | 3 | | | | 3 | | | | | 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 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 |
|-----------------------------------|---|---|---|-----------------|
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | | | |
| MICE MALE | 1 | | | |
| AZTM/3TCM/NFVM/0 | 2 | | | |
| ANIMAL ID | 8 | | | |
| | 7 | | | |
| | | | | * TOTALS |

ALIMENTARY SYSTEM

| | | | | | |
|-----------------------------------|---|--|--|--|--------------|
| Esophagus | + | | | | 50 |
| Gallbladder | + | | | | 47 |
| Intestine Large, Cecum | + | | | | 48 |
| Hyperplasia, Lymphoid | | | | | 2 2.0 |
| Intestine Large, Colon | + | | | | 48 |
| Intestine Large, Rectum | + | | | | 48 |
| Intestine Small, Duodenum | + | | | | 48 |
| Hyperplasia, Lymphoid | | | | | 1 3.0 |
| Intestine Small, Ileum | + | | | | 48 |
| Hyperplasia, Lymphoid | | | | | 1 2.0 |
| Intestine Small, Jejunum | + | | | | 48 |
| Liver | + | | | | 50 |
| Basophilic Focus | | | | | 3 |
| Clear Cell Focus | | | | | 2 |
| Clear Cell Focus, Multiple | | | | | 1 |
| Eosinophilic Focus | | | | | 1 |
| Infiltration Cellular, Lymphocyte | | | | | 3 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 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

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Lab: NCTR

| DAY ON TEST | | | |
|-----------------------------------|-----------|--|-----------------|
| 0 | | | |
| 7 | | | |
| 3 | | | |
| 9 | | | |
| | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | | |
| MICE MALE | | | |
| | ANIMAL ID | | |
| | | | |
| AZTM/3TCM/NFVM/0 | | | * TOTALS |
| | | | |
| Inflammation, Chronic Active | | | 2 1.5 |
| Mixed Cell Focus | | | 1 |
| Necrosis | | | 2 3.0 |
| Tension Lipidosis | | | 7 1.7 |
| Vacuolization Cytoplasmic | | | 1 1.0 |
| | | | |
| Mesentery | | | 2 |
| Fat, Necrosis | | | 1 4.0 |
| | | | |
| Pancreas | + | | 49 |
| Fibrosis | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | | | 6 1.0 |
| Inflammation, Chronic Active | | | 1 4.0 |
| Acinus, Degeneration | | | 4 2.0 |
| | | | |
| Salivary Glands | + | | 50 |
| Infiltration Cellular, Lymphocyte | 1 | | 40 1.3 |
| | | | |
| Stomach, Forestomach | + | | 50 |
| Epithelium, Hyperplasia | | | 1 2.0 |
| | | | |
| Stomach, Glandular | + | | 48 |
| Epithelium, Hyperplasia | | | 1 2.0 |

CARDIOVASCULAR SYSTEM

| | | | |
|--------------|---|--|-----------|
| Blood Vessel | + | | 50 |
|--------------|---|--|-----------|

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

+ .. Tissue examined microscopically

x .. Lesion present

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 Species/Strain: MICE/B6C3F1/NCTR

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

| DAY ON TEST | 0 | 7 | 3 | 9 |
|-----------------------------------|---|---|---|-----------------|
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 1 | 2 | 8 |
| MICE MALE | 0 | 1 | 2 | 8 |
| AZTM/3TCM/NFVM/0 | 0 | 1 | 2 | 8 |
| ANIMAL ID | 7 | | | |
| | | | | * TOTALS |
| Heart | + | | | 50 |

ENDOCRINE SYSTEM

| | | | | | |
|-----------------------------------|---|--|--|-----------|---------------|
| Adrenal Cortex | + | | | 49 | |
| Hypertrophy | | | | | 2 1.0 |
| Subcapsular, Hyperplasia | 1 | | | | 29 1.2 |
| Adrenal Medulla | + | | | 47 | |
| Hyperplasia | | | | | 1 2.0 |
| Islets, Pancreatic | + | | | 50 | |
| Hyperplasia | | | | | 9 2.0 |
| Parathyroid Gland | + | | | 40 | |
| Pituitary Gland | + | | | 50 | |
| Pars Distalis, Cyst | | | | | 2 1.5 |
| Pars Distalis, Hyperplasia | | | | | 1 1.0 |
| Thyroid Gland | + | | | 50 | |
| Infiltration Cellular, Lymphocyte | | | | | 1 1.0 |
| Follicle, Degeneration | | | | | 6 1.2 |
| Follicular Cell, Hyperplasia | | | | | 1 1.0 |

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

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TDMS No. 20311 - 01
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First Dose M/F: 07/10/03 / NA
Lab: NCTR

| DAY ON TEST | 0 | 7 | 3 | 9 | |
|-----------------------------------|---|---|---|---|-----------------|
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 1 | 2 | 8 | |
| MICE MALE | 1 | 2 | 8 | 7 | |
| AZTM/3TCM/NFVM/0 | | | | | * TOTALS |
| Tissue NOS | | | | | 1 |

GENITAL SYSTEM

| | | | | | | |
|-----------------------------------|---|--|--|--|-----------|---------------|
| Epididymis | + | | | | 50 | |
| Hypospermia | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | 1 1.0 |
| Preputial Gland | + | | | | 50 | |
| Cyst | | | | | | 4 2.3 |
| Degeneration | | | | | | 20 2.7 |
| Inflammation, Chronic Active | | | | | | 7 2.3 |
| Bilateral, Cyst | | | | | | 1 2.0 |
| Prostate | + | | | | 48 | |
| Dilatation | | | | | | 2 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | 9 1.2 |
| Seminal Vesicle | + | | | | 49 | |
| Lumen, Dilatation | | | | | | 3 2.3 |
| Testes | + | | | | 49 | |
| Seminiferous Tubule, Degeneration | | | | | | 6 2.5 |

HEMATOPOIETIC SYSTEM

| | | | | | | |
|-------------|---|--|--|--|-----------|--|
| Bone Marrow | + | | | | 50 | |
|-------------|---|--|--|--|-----------|--|

* .. 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

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Page 180

1-4 .. Lesion qualified as:

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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

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

Lab: NCTR

| DAY ON TEST | | | |
|------------------------------------|-----------|---|-----------------|
| 0 | | | |
| 7 | | | |
| 3 | | | |
| 9 | | | |
| | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | |
| MICE MALE | | 1 | |
| | | 2 | |
| | ANIMAL ID | 8 | |
| AZTM/3TCM/NFVM/0 | | 7 | |
| | | | * TOTALS |
| Hyperplasia | | | 2 2.5 |
| | | | |
| Lymph Node | | | 3 |
| Hemorrhage | | | 1 1.0 |
| Inguinal, Hyperplasia, Lymphoid | | | 1 2.0 |
| Renal, Hyperplasia, Lymphoid | | | 1 2.0 |
| | | | |
| Lymph Node, Mandibular | + | | 49 |
| Hyperplasia, Lymphoid | | | 10 1.4 |
| | | | |
| Lymph Node, Mesenteric | + | | 48 |
| Angiectasis | | | 12 1.8 |
| Hemorrhage | | | 16 2.0 |
| Hyperplasia, Lymphoid | | | 31 2.1 |
| Infiltration Cellular, Histiocyte | | | 3 2.3 |
| Infiltration Cellular, Mast Cell | | | 1 2.0 |
| Infiltration Cellular, Plasma Cell | | | 3 3.3 |
| Thrombosis | | | 1 3.0 |
| Sinus, Dilatation | | | 5 2.0 |
| | | | |
| Spleen | + | | 49 |
| Accessory Spleen | | | 1 |
| Hematopoietic Cell Proliferation | | | 10 3.1 |
| Hyperplasia, Lymphoid | | | 24 2.1 |
| | | | |
| Thymus | + | | 44 |
| Atrophy | | | 14 2.6 |

* .. 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 | | | |
| | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | |
| MICE MALE | | 1 | |
| | | 2 | |
| | ANIMAL ID | 8 | |
| AZTM/3TCM/NFVM/0 | | 7 | |
| | | | * TOTALS |

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

RESPIRATORY SYSTEM

| | | | |
|---------------------------------------|---|----|-------|
| Lung | + | 50 | |
| Congestion | | | 1 2.0 |
| Crystals | | | 2 3.0 |
| Infiltration Cellular, Histiocyte | | | 2 3.0 |
| Infiltration Cellular, Lymphocyte | | | 3 2.0 |
| Alveolar Epithelium, Hyperplasia | | | 1 2.0 |
| | | | |
| Nose | + | 51 | |
| Posterior To Upper Incisor, Dysplasia | | | 1 2.0 |
| | | | |
| Trachea | + | 49 | |

SPECIAL SENSES SYSTEM

| | | | |
|-----------------------------------|---|----|-------|
| Eye | + | 49 | |
| | | | |
| Harderian Gland | + | 50 | |
| Infiltration Cellular, Lymphocyte | | | 4 1.0 |
| Inflammation, Chronic Active | | | 1 2.0 |
| Acinus, Degeneration | | | 1 3.0 |

URINARY SYSTEM

| | | | |
|--------|---|----|--|
| Kidney | + | 49 | |
|--------|---|----|--|

* .. 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
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TDMS No. 20311 - 01
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Lab: NCTR

| DAY ON TEST | | 0 | 7 | 3 | 9 | | |
|-----------------------------------|--|---|---|---|---|-----------------|------------|
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | | | | | |
| MICE MALE | | 1 | | | | | |
| ANIMAL ID | | 2 | | | | | |
| AZTM/3TCM/NFVM/0 | | 8 | | | | | |
| | | 7 | | | | * TOTALS | |
| Infiltration Cellular, Lymphocyte | | | | | | 3 | 1.0 |
| Metaplasia, Osseous | | | | | | 1 | 1.0 |
| Nephropathy | | 1 | | | | 41 | 1.3 |
| Urinary Bladder | | | | | | 50 | |
| Infiltration Cellular, Lymphocyte | | | | | | 4 | 1.0 |
| Lumen, Dilatation | | | | | | 5 | 3.2 |

* .. 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:

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2) Mild 4) Marked

TDMS No. 20311 - 01
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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 | 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 |
| | 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 | 0 | 5 | 9 |
| 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 |
| 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 |
| AZTL/3TCL/NFVL/0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 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 | 0 | 6 | 1 | males
(cont...) |
| | 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 | |

Tension Lipidosis 2 1 1 2 2
Vacuolization Cytoplasmic

Pancreas + A + + + A + + A + + + + + + + + + + + + + + + +
Fibrosis 4
Infiltration Cellular, Lymphocyte 1
Inflammation, Chronic Active 4
Acinus, Degeneration 1

Salivary Glands + + + + + A + + A + + + + + + + + + + + + + + + + + +
Infiltration Cellular, Lymphocyte 2 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Inflammation, Chronic Active 4

Stomach, Forestomach + A + + + A + + A +
Cyst Epithelial Inclusion 2

Stomach, Glandular + A + + + A + + A +
Degeneration 2
Necrosis 2

CARDIOVASCULAR SYSTEM

Blood Vessel +

Heart +
Cardiomyopathy 1
Necrosis
Ventricle, Dilatation 2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically M .. Missing tissue
x .. Lesion present A .. Autolysis precludes evaluation
I .. Insufficient tissue BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked
Page 186

TDMS No. 20311 - 01
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 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 | 3 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 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 | 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 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 | 1 | 1 | 1 | 2 | 2 | 2 | 6 | 6 | 6 | 6 | 6 | 6 | 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 | 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 | |
| Seminiferous Tubule, Degeneration | 2 | | | | | | | | | | | | | | | | | | | | | | | | |

males
(cont...)

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | A | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node | | | | | | + | | | | | | | | | | | | | | | | | | + |
| Mediastinal, Inflammation, Chronic Active | | | | | | 3 | | | | | | | | | | | | | | | | | | |
| Renal, Inflammation, Chronic Active | | | | | | 3 | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | 1 | | | | | 1 | | | | | | | | | | | 1 | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | 4 | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | 2 | | | | | | | 2 | | | | | | | 1 | | 1 | | | | | |
| Fibrosis | | | | | 4 | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | |
| Hyperplasia, Lymphoid | | | | | | | 2 | 2 | 2 | | 2 | 2 | 2 | 2 | | | | | | | 2 | 3 | 2 | 2 |
| Infiltration Cellular, Histocyte | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | 4 | | | | | | | | | | | | | | | | | | | |
| Sinus, Dilatation | | | | | | | | | 1 | | | | | 2 | | | | | | | 2 | 1 | | |
| Spleen | + | A | + | + | + | 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
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 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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TDMS No. 20311 - 01
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CAS Number: AIDSTHERAPEU

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 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 | 3 | 3 |
| | 4 | 1 | 2 | 6 | 4 | 7 | 9 | 7 | 0 | 3 | 7 | 7 | 7 | 7 | 8 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 5 | 9 |
| 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 | 1 | 2 | 2 | 2 | 6 | 6 | 6 | 6 | 6 | 6 | 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 | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid
Inflammation, Chronic Active | | | 4 | 2 | 3 | | | 4 | | | | | | | | | | 3 | | | | | | | |
| | | | 2 | 2 | | | | | 4 | | | 2 | | 2 | 1 | | | 2 | 2 | | | 2 | | | |
| Thymus Atrophy | M | A | + | + | M | + | + | M | A | + | M | + | M | + | M | + | + | + | + | M | + | + | M | + | + |
| | | | 3 | 3 | | | | | 4 | | | | | | | | | 3 | 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 |
| Skin Fibrosis
Inflammation, Suppurative
Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| | | | | | | | | | | | | | | | | | | 2 | | | | | | |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | 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
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 BLANK .. Not examined microscopically
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 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 |
| 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 | 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 |
| AZTL/3TCL/NFVL/0 | 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 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45
1 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Basophilic Focus, Multiple | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | 1 | | | | | 2 | | | | | 1 | 1 | | | | | | 6 1.2 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 3 2.3 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 2 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 | 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 | 4 | 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 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 1 | 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 | 1 |
| | 1 | 1 | 7 | 7 | 7 | 7 | 2 | 2 | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 1 | 6 | 7 | 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 | 5 | |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hypertrophy | | | | | | | | | | | | | 2 | | | | | | | | | | | 4 1.5 |
| Inflammation, Chronic Active | | | | | | | | 4 | | | | | | | | | | | | | | | | 1 4.0 |
| Subcapsular, Hyperplasia | 1 | 2 | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 36 1.3 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Hyperplasia | 1 | | 3 | 2 | 2 | | | | | | | 2 | | | | | | | | | | | | 6 1.8 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | M | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | M | + | 38 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 2.0 |
| Pars Distalis, Hyperplasia | | | | | | | | 1 | | | | | | | | | | | | | | | | 2 1.5 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Infiltration Cellular, Lymphocyte | | | | 1 | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Follicle, Cyst | 1 | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Follicle, Degeneration | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 1.0 |

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

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 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 |
| 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 | 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 |
| AZTL/3TCL/NFVL/0 | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | 2 |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Coagulating Gland | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Hypospermia | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | 21 2.8 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 3 1.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | 5 2.8 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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 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 |
| 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 |
| MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AZTL/3TCL/NFVL/0 | 8 | 8 | 8 | 8 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| 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 | 4.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | 2 | 6 | 1.5 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Hemorrhage | 2 | 2 | | 2 | | | | | 1 | 2 | 1 | 2 | | | | 2 | | | 2 | | | | | 11 | 1.8 |
| Hyperplasia, Lymphoid | | 2 | 2 | 2 | | | | | 2 | 3 | 2 | | 2 | | | 2 | 2 | 2 | 2 | | | | | 25 | 2.1 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 4.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Sinus, Dilatation | 2 | 2 | | | | | | | | | | 3 | | | | | | 1 | | | | | | 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

TDMS No. 20311 - 01
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| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 | 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 |
| ANIMAL ID | 1 | 1 | 7 | 7 | 7 | 7 | 2 | 2 | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 6 | 7 | 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 | 5 |

*** TOTALS**

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|------------|------------|
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | 5 | 3.2 | |
| Hyperplasia, Lymphoid | 3 | | 4 | | 3 | 4 | | | | 2 | | 3 | 3 | | | 2 | 2 | 3 | | | | | 3 | 3 | 21 | 2.6 |
| Inflammation, Chronic Active | | | | | | | | 4 | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | M | M | + | + | + | | 35 | | |
| Atrophy | | | | 3 | | | 3 | | 3 | 2 | | 3 | 2 | | | 2 | | | | | 3 | 3 | | 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 | M | M | M | 0 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 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
 Page 198

| 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 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 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 |
| | 1 | 1 | 7 | 7 | 7 | 7 | 2 | 2 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 1 | 6 | 7 | 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 | 5 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Cyst | | | | 2 | | | | | | | | | | | | | | | | | | | 3 1.7 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | | | | | | | | | | | 5 1.0 |
| Inflammation, Chronic Active | | | | | | | 2 | | | | | | | | | | | | | | | | 2 3.0 |
| Metaplasia, Osseous | | | | | | | | | | 1 | 1 | | | | | | | | | | | | 3 1.3 |
| Nephropathy | | | 1 | 1 | 1 | 1 | | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 35 1.1 |
| Pelvis, Dilatation | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Urethra | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Bulbourethral Gland, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | 1 | 2 1.0 |
| Lumen, Dilatation | | | 4 | | | | | | | | | | | | | | | | | | | | 2 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 | 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 | 3 | 3 | 3 | 3 | 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 | 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 | 7 | males
(cont...) | |
| 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 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Gallbladder
Vacuolization Cytoplasmic | A | + | + | + | M | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 3 | + | + | + | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + | + | + | |
| Intestine Large, Colon | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Rectum | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Duodenum | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Ileum | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Basophilic Focus | | | | | | | X | | | | | | | | X | | | | | | X | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | 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 201

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 | 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 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 0 |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| SOLVENT to 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 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 | 7 |

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 1 1 1 1 1 1 1 1 1 2 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Islets, Pancreatic | + | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 1 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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 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 | 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 | 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 | 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 | |
| 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 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 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 | 7 | 7 | 8 | |
| SOLVENT to 0 | 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 | 2 | |
| Follicle, Degeneration | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 2 |

males (cont...)

GENERAL BODY SYSTEM

Tissue NOS

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Coagulating Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epididymis | A | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hypospermia | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spermatocoele | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Preputial Gland | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prostate | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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
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 | 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 | 7 | 9 | 9 | 9 | 9 | 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 |
| 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 |
| SOLVENT to 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 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 | 7 | 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...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Seminal Vesicle | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumen, Dilatation | | | 4 | | | | | | | | | | | | | | | | | | | | | | | |
| Testes | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Seminiferous Tubule, Degeneration | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreatic, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreatic, Sinus, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 205

| 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 | 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 | 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 | 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 | 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 | 1 | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 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 | 7 | 8 | | |
| 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 | 2 | | |

males (cont...)

Infiltration Cellular, Plasma Cell

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mesenteric | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | 2 | | | | | | | | | | 1 | 2 | 2 | | 2 | 2 | | | | | | | 2 |
| Hemorrhage | | 3 | | | | 2 | 3 | | | | | 3 | | | | 2 | 2 | | | | | | | 1 | | |
| Hyperplasia, Lymphoid | | 2 | 1 | 3 | | 3 | | 2 | 2 | | 2 | | | 2 | 1 | | 2 | 2 | 2 | | | | | 2 | | 2 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sinus, Dilatation | | 2 | | | | | | | | | | 3 | | | | | 2 | | | | | | | | | 2 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Spleen | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | 4 | 4 | | | | | | | 4 | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | 2 | 2 | | | | | 2 | | | | | 3 | | 2 | | | | | 3 | | | 2 | 2 | 2 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thymus | M | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | |
| Atrophy | | 4 | 4 | 4 | 4 | | | | 2 | | 2 | 3 | | | | | | | 3 | | | 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 | 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 |
| | 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 | 4 | 7 | 8 | 5 | 6 |
| | 1 | 1 | 1 | 1 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 8 | 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 | 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 | |
| ANIMAL ID | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 8 | 8 | 0 | 0 | |
| SOLVENT to 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 | |

males
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder
Vacuolization Cytoplasmic | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | 2 | + | + | + | + | + | + | + | + | + | 2 | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | 3 | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver
Basophilic Focus
Clear Cell Focus
Cyst
Eosinophilic Focus
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | X | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
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 CAS Number: AIDSTHERAPEU

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 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 | 5 | 5 | 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 |
| | 1 | 1 | 1 | 1 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 8 | 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 | 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 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 8 | 8 | 0 | 0 | |
| SOLVENT to 0 | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 5 | 8 | 3 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | 2 | | | | | | 1 | | 1 | | | | | | | | | | | 1 | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| 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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|--------------------|---|--------------------|
| | 7 5 5 6 6 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | |
| 4 7 8 5 6 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | males
(cont...) |
| MICE MALE | 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 | |
| SOLVENT to 0 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 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 | 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 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

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

* .. 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
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TDMS No. 20311 - 01
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 CAS Number: AIDSTHERAPEU

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 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 | 9 | 9 | 8 | 4 | 7 | | |
| 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 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| SOLVENT to 0 | 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 | | |
| ANIMAL ID | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 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 | | |
| 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
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| 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 | 5 | 5 | 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 |
| | 1 | 1 | 1 | 1 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 8 | 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 | 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 | |
| SOLVENT to 0 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 7 | 7 | 7 | 7 | 8 | 8 | 0 | |
| ANIMAL ID | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 5 | 8 | 3 | |

males
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Seminal Vesicle Atrophy Lumen, Dilatation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | 2 | 3 | 4 | | | | | | | | |
| Testes Seminiferous Tubule, Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 1 | | | | | | | | 3 | | | | | | 3 | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | 4 | 3 | |
| Lymph Node Lumbar, Hemorrhage | | + | | | | | | | | | | | | | | | | | | | | + | |
| Lymph Node Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node Mediastinal, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node Pancreatic, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node Pancreatic, Sinus, Dilatation | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node Renal, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node Renal, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | 2 | 4 |
| Lymph Node, Mandibular Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | 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 214

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

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 | 3 | 2 | 2 | 2 | | | | | | |
| Infiltration Cellular, Histiocyte | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mast Cell | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| 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 | | 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 |
| 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 | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 7 5 5 6 6 6 | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 0 0 0 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 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 | | | | | | | | | | | | | | | | | | | | | | | |
| SOLVENT to 0 | | | | | | | | | | | | | | | | | | | | | | | | |

males
(cont...)

Inflammation, Chronic Active
 Mineralization

MUSCULOSKELETAL SYSTEM

Bone, Femur +

NERVOUS SYSTEM

Brain, Brain Stem +

Brain, Cerebellum +

Brain, Cerebrum
 Mineralization +
 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
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 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 | |
| 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 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| SOLVENT to 0 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 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 | | |
| | 5 | 6 | 7 | 8 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 5 | 8 | 3 | 5 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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
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TDMS No. 20311 - 01
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 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 |
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | 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 |
| SOLVENT to 0 | 1 | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 |
| | * TOTALS | | | | | | | | | | | | | | |

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

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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| 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 | |
| <hr/> | | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MICE MALE | 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 | |
| SOLVENT to 0 | 1 | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 | |
| | * TOTALS | | | | | | | | | | | | | | | |
| Tension Lipidosis | 1 | | | | | | | | | 1 | | | 2 | | | 12 1.3 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | 2 1.5 |
| <hr/> | | | | | | | | | | | | | | | | |
| Mesentery | | | | + | | | | | | | | | | | | 4 |
| Hemorrhage | | | | | | | | | | | | | | | | 1 4.0 |
| Necrosis | | | | | | | | | | | | | | | | 1 4.0 |
| Fat, Necrosis | | | | | | | | | | | | | | | | 1 3.0 |
| <hr/> | | | | | | | | | | | | | | | | |
| Pancreas | + | | | + | | | + | | | + | | | + | | | 64 |
| Cyst | 4 | | | | | | | | | | | | | | | 2 3.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | 7 1.1 |
| Acinus, Degeneration | | | | | | | | | | | | | | | | 6 1.3 |
| <hr/> | | | | | | | | | | | | | | | | |
| Salivary Glands | + | | | + | | | + | | | + | | | + | | | 64 |
| Infiltration Cellular, Lymphocyte | 1 | | | 1 | | | 2 | | | 2 | | | 1 | | | 54 1.2 |
| <hr/> | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | | | + | | | + | | | + | | | + | | | 64 |
| Ulcer | | | | | | | | | | | | | | | | 2 2.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | 2 2.0 |
| <hr/> | | | | | | | | | | | | | | | | |
| 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
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 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 |
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | 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 |
| SOLVENT to 0 | 1 | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 |
| | * TOTALS | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|--|
| Polyarteritis | | | | | | | | | | | | | | | | 1 1.0 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 65 | |
| Cardiomyopathy | | | | | | | | | | | | | | | | 1 3.0 | |
| Inflammation | | | | | | | | | | | | | | | | 1 2.0 | |
| Polyarteritis | | | | | | | | | | | | | | | | 2 1.0 | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|--|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 63 | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | 1 | |
| Cyst | | | | | | | | | | | | | | | | 1 1.0 | |
| Hypertrophy | | | | | | | | | | | | | | | | 6 2.2 | |
| Subcapsular, Hyperplasia | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | | 1 | 2 | | 1 | 1 | 47 1.3 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 63 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 65 | |
| Hyperplasia | | | | | | | | | | | | | | | | 7 1.7 | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | M | 52 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 61 | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | 2 1.5 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 64 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | 3 1.3 | |
| Follicle, Cyst | | | | | | | | | | | | | | | | 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 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| | 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 |
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | 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 |
| SOLVENT to 0 | 1 | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 |
| | * TOTALS | | | | | | | | | | | | | | |
| Follicle, Degeneration | | | | | | | | | | | | | | | 10 1.4 |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| Tissue NOS | | | | | | | | | | | | | | | 1 |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|---------------|
| Coagulating Gland | | | | | | | | | | | | | | | 2 | |
| Lumen, Dilatation | | | | | | | | | | | | | | | 2 3.0 | |
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 63 |
| Hypospermia | | | | | | | | | | | | | | | 2 2.5 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | 3 1.3 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | 1 2.0 | |
| Spermatocele | | | | | | | | | | | | | | | 1 4.0 | |
| Duct, Degeneration | | | | | | | | | | | | | | | 1 2.0 | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 64 |
| Cyst | | | | | | | | | | | | | | | 4 2.8 | |
| Degeneration | 3 | 2 | | 1 | | | | 2 | | | 3 | 3 | | 2 | | 32 2.8 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | 1 2.0 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | 6 2.0 | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 64 |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | | | | 9 1.0 |
| Polyarteritis | | | | | | | | | | | | | | | 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 |
|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | 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 |
| SOLVENT to 0 | 1 | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 |
| | * TOTALS | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 63 |
| Atrophy | | | | | | | | | | | | | | | | 1 2.0 |
| Lumen, Dilatation | | | 1 | | | | | 2 | 2 | | | | | | | 8 2.5 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 64 |
| Seminiferous Tubule, Degeneration | | | | | | | | | | | | | 1 | | | 7 1.6 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 64 |
| Hyperplasia | | | | | | 2 | | | | | | | | 2 | | 6 2.7 |
| Lymph Node | | | + | + | | + | | | | | | | | | | 7 |
| Lumbar, Hemorrhage | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Lumbar, Hyperplasia, Lymphoid | | | | 1 | | | | | | | | | | | 2 | 3 1.7 |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 1 | 2 2.5 |
| Mediastinal, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Pancreatic, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Pancreatic, Sinus, Dilatation | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Renal, Hemorrhage | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Renal, Hyperplasia, Lymphoid | | | | | 1 | | | | | | | | | | 2 | 2 1.5 |
| Renal, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 63 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 2 | 9 1.7 |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | 1 | 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
 Page 223

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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 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 |
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | 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 |
| SOLVENT to 0 | 1 | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 |
| | * TOTALS | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|--|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|------------|------------|
| Infiltration Cellular, Plasma Cell | 2 | | | | | | | | | | | | | | | 1 | 2.0 | |
| Lymph Node, Mesenteric | + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | 63 | | |
| Angiectasis | 4 | | | | | | | | | | | | | | | | 10 | 2.1 |
| Hemorrhage | 2 | | | | | | | | | | | | | | | | 19 | 1.8 |
| Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | 37 | 2.1 |
| Infiltration Cellular, Histiocyte | 3 | | | | | | | | | | | | | | | | 4 | 2.5 |
| Infiltration Cellular, Mast Cell | 3 | | | | | | | | | | | | | | | | 1 | 2.0 |
| Infiltration Cellular, Plasma Cell | 3 | | | | | | | | | | | | | | | | 2 | 3.0 |
| Infiltration Cellular, Polymorphonuclear | 2 | | | | | | | | | | | | | | | | 1 | 1.0 |
| Thrombosis | 2 | | | | | | | | | | | | | | | | 1 | 2.0 |
| Sinus, Dilatation | 2 | | | | | | | | | | | | | | | | 8 | 2.1 |
| Spleen | + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | 63 | | |
| Angiectasis | 4 | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hematopoietic Cell Proliferation | 4 | | | | | | | | | | | | | | | | 11 | 3.5 |
| Hyperplasia, Lymphoid | 2 2 2 4 3 | | | | | | | | | | | | | | | | 30 | 2.4 |
| Thymus | + + + + + + + + + + M + + + + | | | | | | | | | | | | | | | 51 | | |
| Atrophy | 3 2 2 | | | | | | | | | | | | | | | | 23 | 2.8 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|----------|------------|
| Mammary Gland | M M M M M M M M M M M M M M M | | | | | | | | | | | | | | | 0 | | |
| Skin | + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | 65 | | |
| Hyperkeratosis | 3 | | | | | | | | | | | | | | | | 1 | 3.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | 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

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

| | | |
|------------------------------|---|--------------|
| Inflammation, Chronic Active | 2 | 1 2.0 |
| Mineralization | 3 | 1 3.0 |

MUSCULOSKELETAL SYSTEM

| | | |
|-------------|-------------------------------|-----------|
| Bone, Femur | + + + + + + + + + + + + + + + | 65 |
|-------------|-------------------------------|-----------|

NERVOUS SYSTEM

| | | |
|-------------------|--|---------------|
| Brain, Brain Stem | + + + + + + + + + + + + + + + | 64 |
| Brain, Cerebellum | + + + + + + + + + + + + + + + | 64 |
| Brain, Cerebrum | + + + + + + + + + + + + + + + | 64 |
| Mineralization | 1 1 1 1 1 1 1 1 1 | 35 1.0 |

RESPIRATORY SYSTEM

| | | |
|-----------------------------------|-------------------------------|--------------|
| Lung | + + + + + + + + + + + + + + + | 64 |
| Congestion | | 1 2.0 |
| Crystals | 2 | 3 2.7 |
| Infiltration Cellular, Histiocyte | 2 | 3 2.7 |
| Infiltration Cellular, Lymphocyte | 1 | 3 1.0 |
| Inflammation, Chronic Active | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | 2 3 | 4 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
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 BLANK .. Not examined microscopically
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 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 |
| C57BL/6N XC3H/HEN MTV-NCTR MICE MALE | 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 |
| SOLVENT to 0 | 1 | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 |
| | * TOTALS | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 65 |
| Posterior To Upper Incisor, Dysplasia | | | | | | | | | | | | | | | | 2 2.5 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 64 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Eye | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 62 |
| Cataract | | | | | | | | | | | | | | | | 1 1.0 |
| Bilateral, Cataract | | | | | | | | | | | | | | | | 1 1.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 64 |
| Infiltration Cellular, Lymphocyte | | | | 1 | | | | | | | | | | | | 5 1.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | 1 1.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 64 |
| Cyst | | | 1 | | | | | | 3 | | | | | | | 3 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | 6 1.0 |
| Nephropathy | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 54 1.3 |
| Polyarteritis | | | | | | | | | | | | | | | | 1 2.0 |
| Urethra | | | | | | | | | | | | | | | | 1 |
| Bulbourethral Gland, Cyst | | | | | | | | | | | | | | | | 1 4.0 |
| Bulbourethral Gland, Hemorrhage | | | | | | | | | | | | | | | | 1 4.0 |
| Bulbourethral Gland, Necrosis | | | | | | | | | | | | | | | | 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
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 BLANK .. Not examined microscopically
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 Lab: NCTR

| DAY ON TEST | | 0 | 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 | 7 | 7 |
| 9 | | 9 | 0 | 1 | 1 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1 | | 1 | 5 | 0 | 5 | 3 | 0 | 9 | 9 | 9 | 9 | 9 | 7 | 7 | 7 | 7 | 7 |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE MALE | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| SOLVENT to 0 | | 2 | 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 | 9 |
| | | 1 | 2 | 6 | 9 | 1 | 5 | 0 | 2 | 2 | 3 | 4 | 5 | 8 | 9 | 0 | 0 |
| * TOTALS | | | | | | | | | | | | | | | | | |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 65 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | 3 1.0 |
| Lumen, Dilatation | | | 3 | | | | | | | | | | | | | | 6 3.3 |

*** 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

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 227

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked