

TDMS No. 20310 - 01
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
3'-Azido-3'-deoxythymidine (AZT)
CAS Number: 30516-87-1

Date Report Requested: 07/22/2009
Time Report Requested: 11:47:55
First Dose M/F: NA / 11/18/04
Lab: NCTR

C Number: C20310C
Lock Date: 12/01/2008
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include 612 Vehicle 6 mo F Include 615 AZT 120 6 mo F
Study Gender: Female
TDMSE Version: 2.1.0

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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
	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	4	3	3	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	
	5	0	0	8	6	4	1	0	0	9	8	8	6	5	5	9	0	1	0	0	9	9	6	6	1	
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
Vehicle 6 mo F	7	1	1	1	1	2	3	3	3	3	3	4	5	5	5	5	6	6	7	7	7	8	8	8	9	
ANIMAL ID	3	4	5	6	7	2	5	6	7	8	9	9	0	1	2	3	6	8	4	5	6	1	2	3	9	

females
(cont...)

ALIMENTARY SYSTEM

Esophagus	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+
Adventitia, Foreign Body	X																								
Adventitia, Necrosis	2																								
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Inflammation, Chronic Active						1													1				1		
Tension Lipidosis																									
Vacuolization Cytoplasmic	1																								1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	4	3	3	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	
	5	0	0	8	6	4	1	0	0	9	8	8	6	5	5	9	0	1	0	0	9	9	6	6	1
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
Vehicle 6 mo F	7	1	1	1	1	2	3	3	3	3	3	4	5	5	5	5	6	6	7	7	7	8	8	8	9
ANIMAL ID	3	4	5	6	7	2	5	6	7	8	9	9	0	1	2	3	6	8	4	5	6	1	2	3	9

females
(cont...)

Parathyroid Gland
 Infiltration Cellular, Lymphocyte

Pituitary Gland

Thyroid Gland
 Cyst
 Infiltration Cellular, Lymphocyte

	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	M
															1										
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																						2			2

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Clitoral Gland

Ovary

Uterus
 Endometrium, Hyperplasia, Cystic
 Lumen, Dilatation

Vagina

	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
															2										2	1
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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	0	0	2	1	0	3	6	9		
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	4	4	4	6		
MICE FEMALE										
Vehicle 6 mo F					3	4				
										* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	A								23	
Adventitia, Foreign Body											1
Adventitia, Necrosis											1 2.0
Gallbladder	+	A								24	
Intestine Large, Cecum	+	A								26	
Intestine Large, Colon	+	A								26	
Intestine Large, Rectum	+	A								26	
Intestine Small, Duodenum	+	A								26	
Intestine Small, Ileum	+	A								26	
Intestine Small, Jejunum	+	A								26	
Liver	+	A								26	
Inflammation, Chronic Active											3 1.0
Tension Lipidosis											1 1.0
Vacuolization Cytoplasmic											1 1.0
Pancreas	+	A								26	

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DAY ON TEST	0	1	2	3	4	
	0	0	2	1	0	3
	6	9				
<hr/>						
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0				
MICE FEMALE	0	0				
Vehicle 6 mo F	4	4				
ANIMAL ID	4	6				
	3	4				
						* TOTALS

Salivary Glands	+	A				26	
Infiltration Cellular, Lymphocyte							14 1.1
<hr/>							
Stomach, Forestomach	+	A				26	
<hr/>							
Stomach, Glandular	+	A				26	

CARDIOVASCULAR SYSTEM

Blood Vessel	+	A				26	
<hr/>							
Heart	+	A				26	
Cardiomyopathy							1 1.0
Pericardium, Inflammation, Chronic							1 3.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	A				26	
Accessory Adrenal Cortical Nodule							1
Vacuolization Cytoplasmic							2 2.0
Subcapsular, Hyperplasia							23 1.0
<hr/>							
Adrenal Medulla	+	A				26	
<hr/>							
Islets, Pancreatic	+	A				26	

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DAY ON TEST	0	1	2	3	4	5	6	7	8	9
	0	0	2	1	0	3	6	9		
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	0	0	4	4	4	6		
Vehicle 6 mo F	3	4								
										* TOTALS

Parathyroid Gland	M	A								22	
Infiltration Cellular, Lymphocyte											1 1.0
Pituitary Gland	+	A								26	
Thyroid Gland	+	A								26	
Cyst											1 2.0
Infiltration Cellular, Lymphocyte											1 2.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	A								24	
Ovary	+	A								26	
Uterus	+	A								26	
Endometrium, Hyperplasia, Cystic											1 2.0
Lumen, Dilatation											2 1.5
Vagina	+	+								27	

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DAY ON TEST	0	1	2	3	4	5	6	7	8	9
	0	0	2	1	0	3	6	9		
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	4	4	4	6		
MICE FEMALE										
Vehicle 6 mo F					3	4				
										* TOTALS

HEMATOPOIETIC SYSTEM

Bone Marrow	+	A							26		
Myeloid Cell, Hyperplasia										3	2.7
Lymph Node	+								3		
Mediastinal, Hyperplasia, Lymphoid										2	4.0
Mediastinal, Infiltration Cellular, Plasma Cell										1	4.0
Lymph Node, Mandibular	+	A							26		
Hyperplasia, Lymphoid										3	1.3
Lymph Node, Mesenteric	+	A							24		
Hyperplasia, Lymphoid										7	1.6
Spleen	+	A							26		
Depletion Lymphoid										1	3.0
Hematopoietic Cell Proliferation										3	3.7
Thymus	+	A							26		
Hyperplasia, Lymphoid										3	2.3
Hyperplasia, Plasma Cell										1	3.0
Necrosis										1	3.0
Adventitia, Inflammation, Chronic										1	4.0
Epithelial Cell, Hyperplasia										1	1.0

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DAY ON TEST	0	0	
	2	1	
	0	3	
	6	9	
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
ANIMAL ID	4	4	
	4	6	
Vehicle 6 mo F	3	4	
			* TOTALS

INTEGUMENTARY SYSTEM

Mammary Gland	+	A	24
Skin	+	A	26

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	27
Skeletal Muscle	+	+	27

NERVOUS SYSTEM

Brain, Brain Stem	+	A	26
Brain, Cerebellum	+	A	26
Brain, Cerebrum	+	A	26
Cyst Epithelial Inclusion			1

RESPIRATORY SYSTEM

Lung	+	A	26
------	---	---	-----------

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DAY ON TEST	0	1	2	3	4			
	0	0	2	1	0	3	6	9
<hr/>								
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	0	0	4	4	4	6
Vehicle 6 mo F	3	4						
								* TOTALS
Abscess								2 4.0
Infiltration Cellular, Lymphocyte Mediastinum, Necrosis								1 1.0
								1 4.0
Nose	+	A						26
Trachea	+	A						26
<hr/>								
SPECIAL SENSES SYSTEM								
Eye	+	A						26
Harderian Gland Infiltration Cellular, Lymphocyte	+	A						26 1 1.0
<hr/>								
URINARY SYSTEM								
Kidney Infiltration Cellular, Lymphocyte Inflammation, Chronic Active	+	A						26 8 1.1
								1 1.0
Urinary Bladder Infiltration Cellular, Lymphocyte	+	A						26 3 1.0

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DAY ON TEST		
	0	
	2	
	2	
	9	
.....		
C3B6F1-+/TRP53(TM1BRD) NCTR	0	
MICE FEMALE	0	
	5	
ANIMAL ID	0	
AZT 120 6 mo F	3	* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	25	
Gallbladder	+	25	
Intestine Large, Cecum Hyperplasia, Lymphoid	+	26	2 2.0
Intestine Large, Colon	+	26	
Intestine Large, Rectum	+	26	
Intestine Small, Duodenum	+	26	
Intestine Small, Ileum	+	26	
Intestine Small, Jejunum	+	26	
Liver Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Tension Lipidosis Vacuolization Cytoplasmic	+	26	1 2.0 2 1.0 3 2.0 1 1.0
Pancreas	+	26	

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		0	
		2	
		2	
		9	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR		0	
MICE FEMALE		0	
		5	
		0	
AZT 120 6 mo F	ANIMAL ID	3	* TOTALS

Infiltration Cellular, Lymphocyte Inflammation, Chronic Active			1 1.0
			1 1.0
.....			
Salivary Glands Infiltration Cellular, Lymphocyte	+	26	7 1.1
.....			
Stomach, Forestomach	+	26	
.....			
Stomach, Glandular	+	26	

CARDIOVASCULAR SYSTEM

Blood Vessel	+	25	
.....			
Heart Pericardium, Inflammation, Chronic Active Pericardium, Mineralization	+	26	1 2.0 1 3.0

ENDOCRINE SYSTEM

Adrenal Cortex Accessory Adrenal Cortical Nodule Subcapsular, Hyperplasia	+	26	1 24 1.0
.....			
Adrenal Medulla	+	26	

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		0	
		2	
		2	
		9	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR		0	
MICE FEMALE		0	
		5	
		0	
AZT 120 6 mo F	ANIMAL ID	3	* TOTALS
Islets, Pancreatic	+		26
Parathyroid Gland	+		21
Pituitary Gland	+		26
Thyroid Gland	+		25
Infiltration Cellular, Lymphocyte			1 1.0
.....			
GENERAL BODY SYSTEM			
Tissue NOS			1
Abscess			1 4.0
.....			
GENITAL SYSTEM			
Clitoral Gland	+		25
Ovary	+		26
Cyst			1 2.0
Uterus	+		26
Endometrium, Hyperplasia, Cystic			1 1.0
Lumen, Dilatation			2 1.5
Vagina	+		26

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 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST			
	0		
	2		
	2		
	9		
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0		
MICE FEMALE	0		
	5		
ANIMAL ID	0		
AZT 120 6 mo F	3		
			* TOTALS

HEMATOPOIETIC SYSTEM

Bone Marrow	+		26	
Myeloid Cell, Hyperplasia				2 3.0
Lymph Node			1	
Lymph Node, Mandibular	+		25	
Hyperplasia, Lymphoid				2 1.5
Lymph Node, Mesenteric	+		25	
Hyperplasia, Lymphoid	1			11 1.4
Spleen	+		26	
Hematopoietic Cell Proliferation				2 3.5
Hyperplasia, Lymphoid				2 3.5
Thymus	+		26	
Hyperplasia, Lymphoid	2			2 2.0

INTEGUMENTARY SYSTEM

Mammary Gland	+		24	
Skin	+		26	

* .. Total animals with tissue examined microscopically; Total animals with lesion 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 23

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20310 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3'-Azido-3'-deoxythymidine (AZT)
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009
 Time Report Requested: 11:47:55
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST		
	0	
	2	
	2	
	9	
.....		
C3B6F1-+/TRP53(TM1BRD) NCTR	0	
MICE FEMALE	0	
	5	
ANIMAL ID	0	
AZT 120 6 mo F	3	* TOTALS

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	26
Skeletal Muscle	+	26

NERVOUS SYSTEM

Brain, Brain Stem	+	26
Brain, Cerebellum	+	26
Brain, Cerebrum	+	26

RESPIRATORY SYSTEM

Lung	+	26	
Inflammation, Chronic Active			1 2.0
Mediastinum, Inflammation, Chronic Active			1 2.0
Mediastinum, Mineralization			1 4.0
Nose	+	26	
Trachea	+	26	

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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. 20310 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 3'-Azido-3'-deoxythymidine (AIDS)
 CAS Number: 30516-87-1

Date Report Requested: 07/22/2009
 Time Report Requested: 11:47:55
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST		
	0	
	2	
	2	
	9	
.....		
C3B6F1-+/TRP53(TM1BRD) NCTR	0	
MICE FEMALE	0	
	5	
ANIMAL ID	0	
AZT 120 6 mo F	3	
		* TOTALS

SPECIAL SENSES SYSTEM

Eye	+		26
Harderian Gland	+		26

URINARY SYSTEM

Kidney	+		26
Infiltration Cellular, Lymphocyte			3 1.0
Urinary Bladder	+		26
Infiltration Cellular, Lymphocyte			1 1.0

*** END OF REPORT ***

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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Page 25

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked