

TDMS No. 20311 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
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: Female
TDMSE Version: 2.1.0

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

females (cont...)

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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 Hyperplasia, Lymphoid	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum Hyperplasia, Lymphoid	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus																									
Congestion																X									
Eosinophilic Focus																									
Hematopoietic Cell Proliferation																									
Hemorrhage																									

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

	DAY ON TEST																								females (cont...)	
	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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
	6	7	9	1	6	8	0	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3			
C57BL/6N XC3H/HEN MTV-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				
AZT-H to 0	0	0	0	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5			
ANIMAL ID	8	8	0	4	7	2	8	0	1	2	3	3	3	3	3	8	8	8	8	9	9	1	1			
	4	6	4	9	8	9	8	5	8	2	0	1	2	3	6	7	8	9	0	1	3	4	5	0		
Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Necrosis											1					1					2			1		
Tension Lipidosis	4					1									1	1					2			2	2	
Vacuolization Cytoplasmic			2						2	1						1		1	1				1	2		
Mesentery Fat, Necrosis																										
Pancreas Cytoplasmic Alteration																										
Infiltration Cellular, Lymphocyte Acinus, Degeneration																										
Salivary Glands Infiltration Cellular, Lymphocyte																										
Stomach, Forestomach																										
Stomach, Glandular																										

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart Polyarteritis	+	+	+	+	+	+	+	+	+																		

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

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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	7	9	1	6	8	0	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
	6	4	8	6	3	6	7	9	1	3	6	2	2	2	2	3	3	3	3	2	2	4	4	4
C57BL/6N XC3H/HEN MTV-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	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5	5
AZT-H to 0	8	8	0	4	7	2	8	0	0	1	2	3	3	3	3	8	8	8	8	9	9	1	1	1
ANIMAL ID	4	6	4	9	8	9	8	5	8	2	2	0	1	2	3	6	7	8	9	0	1	3	4	5

females (cont...)

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule		X							X				X											
Vacuolization Cytoplasmic											2								3					
Subcapsular, Hyperplasia	1	2	2	2	2	2	2	3	2		2	2	2	3	2	1	2	2	2	2	2	3	3	2
Adrenal Medulla	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																								
Infiltration Cellular, Lymphocyte																								
Parathyroid Gland	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	M	+	+	M	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	M	+	+	+
Pars Distalis, Angiectasis																								
Pars Distalis, Cyst						2																		
Pars Distalis, Hyperplasia																								2
Thyroid Gland	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst																								
Infiltration Cellular, Lymphocyte		1							1														1	
Follicle, Degeneration					2									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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	7	9	1	6	8	0	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
	6	4	8	6	3	6	7	9	1	3	6	2	2	2	2	3	3	3	3	2	2	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	0	0	0	0	0
	0	0	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5	5
ANIMAL ID	8	8	0	4	7	2	8	0	0	1	2	3	3	3	8	8	8	8	9	9	1	1	1	7
AZT-H to 0	4	6	4	9	8	9	8	5	8	2	2	0	1	2	3	6	7	8	9	0	1	3	4	5
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	2	4			1															1				2
Lymph Node, Mesenteric Angiectasis Autolysis Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte Infiltration Cellular, Polymorphonuclear Sinus, Dilatation	+	+	A	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+
						1	2				4					1						3	2	
																						3	4	
																						2	2	
Spleen Autolysis Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
											4													
	4	2			2	3					2											2	2	
		2			3	2					2		2	2	4		3	4	2		2	3	4	3
Thymus Atrophy Autolysis Hyperplasia, Lymphoid Mineralization Fat, Necrosis	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	4				2	3								4	2	2		2	2	2		3		2
												4												
																							2	
	4																							

females
(cont...)

INTEGUMENTARY SYSTEM

Mammary Gland Alveolus, Hyperplasia	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
																								1

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

TDMS No. 20311 - 02

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: 16:30:20

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

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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	7	9	1	6	8	0	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	6	4	8	6	3	6	7	9	1	3	6	2	2	2	2	3	3	3	3	2	2	4	4	4	7

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

AZT-H to 0

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

females (cont...)

Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

Brain, Brain Stem Compression	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebellum Meninges, Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum Mineralization Meninges, Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
						1	1	2			1	1	1			1	1	1	1				1	

RESPIRATORY SYSTEM

Lung Autolysis Crystals Hemorrhage Infiltration Cellular, Histiocyte Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
										4													2	
																							2	
						2						1			2	1	1		1				2	

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

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

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

Page 7

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	7	9	1	6	8	0	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	6	4	8	6	3	6	7	9	1	3	6	2	2	2	2	3	3	3	3	2	2	4	4	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 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
AZT-H to 0	0	0	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5	5
ANIMAL ID	8	8	0	4	7	2	8	0	0	1	2	3	3	3	3	8	8	8	8	9	9	1	1	1	7
	4	6	4	9	8	9	8	5	8	2	2	0	1	2	3	6	7	8	9	0	1	3	4	5	0

females
(cont...)

Inflammation, Chronic Active
 Alveolar Epithelium, Hyperplasia

Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

SPECIAL SENSES SYSTEM

Eye	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract											1														
Cornea, Inflammation, Chronic Active			2																						
Cornea, Necrosis			2																						
Harderian Gland	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte						1	1				1				1								1		
Inflammation, Chronic Active			4																						

URINARY SYSTEM

Kidney	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyaline Droplet	3																								
Infiltration Cellular, Lymphocyte			1					2				2	1	1	1			1					1		
Metaplasia, Osseous																					2				
Nephropathy					1	2	2			1	1					1	1			1	2	1	1	2	1
Urinary Bladder	+	+	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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	6	7	9	1	6	8	0	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
	6	4	8	6	3	6	7	9	1	3	6	2	2	2	2	3	3	3	3	2	2	4	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
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
ANIMAL ID	0	0	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5
AZT-H to 0	8	8	0	4	7	2	8	0	0	1	2	3	3	3	3	8	8	8	8	9	9	1	1	7
	4	6	4	9	8	9	8	5	8	2	2	0	1	2	3	6	7	8	9	0	1	3	4	0
Infiltration Cellular, Lymphocyte				1	1							1	1		1	2	2	2	1			1	1	

females
(cont...)

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

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

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

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	2	2	+	+	+	+	+	+	+	+	+	+	+	46 2 2.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Small, Ileum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	+	+	46 1 2.0
Intestine Small, Jejunum Hyperplasia, Lymphoid	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	+	+	+	46 1 2.0
Liver	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+	+	47
Basophilic Focus																							2
Congestion																	2						1 2.0
Eosinophilic Focus																							2
Hematopoietic Cell Proliferation																							1 3.0
Hemorrhage																							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 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	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	4	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4			
	8	8	8	1	9	9	9	9	9	9	0	9	2	2	1	1	4	3	3	3	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			
	6	6	6	7	7	7	7	7	7	7	8	8	9	9	9	9	9	9	9	9	0	0	0			
AZT-H to 0	2	2	2	0	0	1	6	6	6	2	2	2	3	3	3	8	8	8	8	3	3	3				
	0	1	2	7	8	9	0	4	5	6	0	1	2	9	0	1	2	0	1	2	3	4	5			
																								* TOTALS		
Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Necrosis				1				1	1	1	1	1	1											1	13	1.1
Tension Lipidosis							2					1	2								2	11	1.5			
Vacuolization Cytoplasmic	1	2	3								1							2	2	2	1	2			18	1.6
Mesentery Fat, Necrosis				+				+							+							8	8	3.8		
Pancreas Cytoplasmic Alteration	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	1	1.0
Infiltration Cellular, Lymphocyte Acinus, Degeneration				1				1	1	1					2			1	1			18	1.2			
Salivary Glands Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	38	1.6
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
CARDIOVASCULAR SYSTEM																										
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48		
Heart Polyarteritis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	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 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
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	7	
		3	3	3	4	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4	
		8	8	8	1	9	9	9	9	9	9	0	9	2	2	1	1	4	3	3	3	4	4	4	
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	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	
AZT-H to 0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1		
		6	6	6	7	7	7	7	7	7	8	8	9	9	9	9	9	9	9	9	0	0	0		
		2	2	2	0	0	0	1	6	6	6	2	2	3	3	3	8	8	8	8	3	3	3		
		0	1	2	7	8	9	0	4	5	6	0	1	9	0	1	2	0	1	2	3	4	5	6	* TOTALS

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Accessory Adrenal Cortical Nodule													X													4
Vacuolization Cytoplasmic					4				4			3			2											6 3.0
Subcapsular, Hyperplasia	2	2	2	2		2	2	2	2	2	2	2	2	1	2	2	4	2	2	1	1	2			46 2.0	
Adrenal Medulla	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Hyperplasia		1									1															2 1.0
Infiltration Cellular, Lymphocyte				1																						1 1.0
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Pars Distalis, Angiectasis														2												1 2.0
Pars Distalis, Cyst																										1 2.0
Pars Distalis, Hyperplasia		4		2	3		2				2	2		2			2		1						10 2.2	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	
Cyst												2														1 2.0
Infiltration Cellular, Lymphocyte												1														4 1.0
Follicle, Degeneration	1					1										1	2									9 1.3

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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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	4	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4
	8	8	8	1	9	9	9	9	9	9	0	9	2	2	1	1	4	3	3	3	4	4	4
C57BL/6N XC3H/HEN MTV-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	1	1	1
	6	6	6	7	7	7	7	7	7	7	8	8	9	9	9	9	9	9	9	9	0	0	0
AZT-H to 0	2	2	2	0	0	0	1	6	6	6	2	2	2	3	3	3	8	8	8	8	3	3	3
ANIMAL ID	0	1	2	7	8	9	0	4	5	6	0	1	9	0	1	2	0	1	2	3	4	5	6
* TOTALS																							

Tissue NOS 1
 Fat, Necrosis 1 4.0

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy																						4	
Degeneration				4	2	4	4	4		4	3	3	4		4		4	4	4	3	3		4
46																							
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	3	4	3	3		4	3	4	3	3	4	3	3		3	4	4	4	3	3	4	3	3
Cyst		3							4					4			4		2				
Bilateral, Cyst					4					2													
47																							
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hydrometra													4								4	4	
Endometrium, Hyperplasia, Cystic	4	2	3	3	3	3	2	3	4	2	2	3		2	2	2	1	3	4	3		2	
47																							
6 4.0																							
41 2.7																							

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+
46																							
Lymph Node				+	+																		
Axillary, Hyperplasia, Lymphoid																							
Lumbar, Hyperplasia, Lymphoid					2																		
Renal, Hyperplasia, Lymphoid																							
8																							
2 2.5																							
2 2.5																							
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

TDMS No. 20311 - 02

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: 16:30:20

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

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	
		3	3	3	4	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4	
		8	8	8	1	9	9	9	9	9	0	9	2	2	1	1	4	3	3	3	4	4	4	
C57BL/6N XC3H/HEN MTV-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	
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
AZT-H to 0		6	6	6	7	7	7	7	7	7	7	8	8	9	9	9	9	9	9	9	0	0	0	0
		2	2	2	0	0	0	1	6	6	6	2	2	2	3	3	3	8	8	8	8	3	3	3
		0	1	2	7	8	9	0	4	5	6	0	1	9	0	1	2	0	1	2	3	4	5	6
																								* TOTALS
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hyperplasia, Lymphoid						1							2		1			2						9 1.8
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Angiectasis											3													1 3.0
Autolysis																								1 4.0
Hyperplasia, Lymphoid		2					1	1	3	3			2				2		2	2		2	2	16 1.9
Infiltration Cellular, Histiocyte																								2 3.5
Infiltration Cellular, Polymorphonuclear																								2 2.0
Sinus, Dilatation											3													1 3.0
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Autolysis																								1 4.0
Hematopoietic Cell Proliferation								3							4			2				2		11 2.5
Hyperplasia, Lymphoid		4				4	3	2	4				4		3			3	4	3	4	4	4	28 3.1
Thymus		+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Atrophy					3	3							2								2	2		16 2.5
Autolysis																								1 4.0
Hyperplasia, Lymphoid		2		2						3										2				5 2.2
Mineralization							1																	1 1.0
Fat, Necrosis																								1 4.0

INTEGUMENTARY SYSTEM

Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Alveolus, Hyperplasia																								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

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	4	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4
	8	8	8	1	9	9	9	9	9	9	0	9	2	2	1	1	4	3	3	3	4	4	4
C57BL/6N XC3H/HEN MTV-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	1	1	1
	6	6	6	7	7	7	7	7	7	8	8	9	9	9	9	9	9	9	9	9	0	0	0
AZT-H to 0	2	2	2	0	0	0	1	6	6	6	2	2	2	3	3	3	8	8	8	8	3	3	3
	0	1	2	7	8	9	0	4	5	6	0	1	9	0	1	2	0	1	2	3	4	5	6
	* TOTALS																						

Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	-----------

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

Brain, Brain Stem Compression	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	1 1.0
Brain, Cerebellum Meninges, Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	1 1.0
Brain, Cerebrum Mineralization	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47	22 1.0
Brain, Cerebrum Meninges, Infiltration Cellular, Lymphocyte																								47	1 1.0

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Autolysis																									1 4.0
Crystals					4									3											3 3.0
Hemorrhage																						2			1 2.0
Infiltration Cellular, Histiocyte					2	4								3											4 2.8
Infiltration Cellular, Lymphocyte					2	2				1	2						2	2				2			14 1.6

* .. 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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	4	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4	
	8	8	8	1	9	9	9	9	9	9	0	9	2	2	1	1	4	3	3	3	4	4	4	
C57BL/6N XC3H/HEN MTV-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	1	1	1	
	6	6	6	7	7	7	7	7	7	8	8	9	9	9	9	9	9	9	9	9	0	0	0	
	2	2	2	0	0	0	1	6	6	6	2	2	3	3	3	8	8	8	8	3	3	3		
AZT-H to 0	0	1	2	7	8	9	0	4	5	6	0	2	1	9	0	1	2	0	1	2	3	4	5	6
																							* TOTALS	

Inflammation, Chronic Active Alveolar Epithelium, Hyperplasia	3																						1 3.0
	1																						1 1.0
Nose	+ +																						48
Trachea	+ +																						47

SPECIAL SENSES SYSTEM

Eye	+ +																						46
Cataract																							1 1.0
Cornea, Inflammation, Chronic Active																							1 2.0
Cornea, Necrosis																							1 2.0
Harderian Gland	+ +																						46
Infiltration Cellular, Lymphocyte																							6 1.0
Inflammation, Chronic Active	1																						1 4.0

URINARY SYSTEM

Kidney	+ +																						46
Hyaline Droplet																							1 3.0
Infiltration Cellular, Lymphocyte																							12 1.3
Metaplasia, Osseous																							3 2.0
Nephropathy	1	1	1	2	1	1		1			1	1	1			1					1		
																							25 1.2
Urinary Bladder	+ +																						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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAY ON TEST	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	3	3	3	4	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4
	8	8	8	1	9	9	9	9	9	9	0	9	2	2	1	1	4	3	3	3	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 FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
ANIMAL ID	6	6	6	7	7	7	7	7	7	7	8	8	9	9	9	9	9	9	9	9	0	0	0
AZT-H to 0	2	2	2	0	0	0	1	6	6	6	2	2	3	3	3	8	8	8	8	3	3	3	
	0	1	2	7	8	9	0	4	5	6	0	1	9	0	1	2	0	1	2	3	4	5	6
																							* TOTALS
Infiltration Cellular, Lymphocyte	1		2		1		1		1		1		1		1		1		1		1		20 1.2

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

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

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

C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE females (cont...)

AZT-M to 0

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder Cyst Inflammation, Chronic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	M
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+
Intestine Small, Jejunum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+
Liver Angiectasis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus																								
Cyst Multilocular																								
Eosinophilic Focus																								
Hematopoietic Cell Proliferation																								
Infiltration Cellular, Lymphocyte																								

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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	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
	3	6	0	0	1	1	1	3	7	7	7	0	1	1	2	3	3	3	3	3	3	2	3	3	2	2
	9	0	2	1	6	1	0	3	1	2	5	7	4	9	9	2	2	2	1	3	3	3	4	4	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 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
AZT-M to 0	0	0	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	4	5	5	5	5
ANIMAL ID	2	7	1	2	3	4	4	5	9	9	2	8	0	2	2	3	3	3	3	9	9	4	1	1	6	6
	1	7	0	0	9	0	1	7	0	8	1	6	3	6	9	4	5	6	7	2	3	1	1	6	9	9

females
(cont...)

Inflammation, Chronic Active Mixed Cell Focus	1																																								
Necrosis														4																											
Tension Lipidosis														1																											
Vacuolization Cytoplasmic	2		1	1	1	1	1	1	1	2	1	3	2	4	1	2	1	2	1	2	1	1	1	1	1	1															
Mesentery Fat, Necrosis														+																											
														4				2																							
Pancreas Infiltration Cellular, Lymphocyte Acinus, Degeneration	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+														
														1				2				2				2				1				3							
Salivary Glands Infiltration Cellular, Lymphocyte Acinus, Degeneration	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+														
														1				1				1				2				1				2				1			
Stomach, Forestomach Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+														
														2																											
Stomach, Glandular Mineralization	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+														

CARDIOVASCULAR SYSTEM

Blood Vessel	+																									
Heart	+																									

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	3	6	0	0	1	1	1	3	7	7	7	0	1	1	2	3	3	3	3	3	3	2	3	3	
	9	0	2	1	6	1	0	3	1	2	5	7	4	9	9	2	2	2	1	3	3	3	4	4	7
																								
C57BL/6N XC3H/HEN MTV-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	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	4	5	5	5
	2	7	1	2	3	4	4	5	9	9	2	8	0	2	2	3	3	3	9	9	4	1	1	1	6
AZT-M to 0	1	7	0	0	9	0	1	7	0	8	1	6	3	6	9	4	5	6	7	2	3	1	1	6	9

females
(cont...)

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Accessory Adrenal Cortical Nodule																	X					X				
Angiectasis											2															
Vacuolization Cytoplasmic					2												3			2						
Subcapsular, Hyperplasia	1	2	2	2	2	2	2	2	2	2	2	1	2	1	2	1	2	3	2	1	2	2	2	3	2	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	A	+	+	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	
Hyperplasia														1								1				
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M
Pars Distalis, Angiectasis																										
Pars Distalis, Cyst																						2				
Pars Distalis, Hyperplasia					4				3					2			2			1						
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Follicle, Degeneration										1									1							

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 - 02

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: 16:30:20

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

Lab: NCTR

DAY ON TEST	0																								females (cont...)						
	2	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7		7	0				
3	6	0	0	1	1	1	3	7	7	7	0	1	1	2	3	3	3	3	3	3	3	2	3	3	2	0					
9	0	2	1	6	1	0	3	1	2	5	7	4	9	9	2	2	2	1	3	3	3	4	4	7	0						
.....																															
ANIMAL ID	0																								females (cont...)						
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0			
0	0	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	4	5	5	5	0					
2	7	1	2	3	4	4	5	9	9	2	8	0	2	2	3	3	3	3	9	9	4	1	1	6	0						
1	7	0	0	9	0	1	7	0	8	1	6	3	6	9	4	5	6	7	2	3	1	1	6	9	0						
.....																															
Infiltration Cellular, Lymphocyte Inflammation, Chronic Active											1	1	1	1	1	1	1	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

Page 25

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		3	3	3	3	3	3	3	3	4	4	3	4	4	4	4	4	4	4	4	4	4
		7	3	9	9	9	9	9	9	0	0	9	1	1	0	3	3	5	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
MICE FEMALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
AZT-M to 0		5	6	7	7	7	7	7	8	8	8	8	8	8	9	9	0	0	0	0	0	0
ANIMAL ID		7	1	1	1	1	6	6	6	2	2	7	7	7	3	3	3	3	8	8	8	8
		1	8	1	2	3	7	8	9	2	3	4	4	5	6	3	4	7	8	9	4	5
* TOTALS																						

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Accessory Adrenal Cortical Nodule				X										X								4
Angiectasis																						1 2.0
Vacuolization Cytoplasmic														1								4 2.0
Subcapsular, Hyperplasia	2	2	2	1	1	2	2		1	2	2	2	2	2	2	1	2	1	2	2	1	46 1.8
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hyperplasia																				1		3 1.0
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	44
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	44
Pars Distalis, Angiectasis																	3					1 3.0
Pars Distalis, Cyst												2										2 2.0
Pars Distalis, Hyperplasia							1		1	3				2						2		10 2.1
Thyroid Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Follicle, Degeneration		2							2													4 1.5

GENERAL BODY SYSTEM

Tissue NOS	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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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	4	4	3	4	4	4	4	4	4	4	4	4	4	4
	7	3	9	9	9	9	9	9	0	0	9	1	1	0	3	3	5	5	4	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	0	0	0	0	0	0
MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
AZT-M to 0	5	6	7	7	7	7	7	8	8	8	8	8	8	9	9	0	0	0	0	0	0	0
ANIMAL ID	7	1	1	1	1	6	6	6	2	2	2	7	7	3	3	3	3	8	8	8	8	8
	1	8	1	2	3	7	8	9	2	3	4	4	5	6	3	4	7	8	9	4	5	6
																						* TOTALS

GENITAL SYSTEM

Clitoral Gland Degeneration	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43		
		4	4		4	4	4	4	4	4	4	3	4	4	3	4	3	3	4	3	4	4		41	3.8
Ovary	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
Angiectasis																								1	2.0
Atrophy		4	3	3	3	3	4	4	3	3	3	3	4	3	4	4	3	3	3					39	3.1
Cyst			4			3	4						4				4					4		11	3.7
Hematocyst		X																						2	
Infiltration Cellular, Lymphocyte																2								2	3.0
Bilateral, Cyst																								4	3.3
Germinal Epithelium, Hyperplasia										2														2	3.0
Uterus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47		
Hydrometra											4				4									4	4.0
Endometrium, Hyperplasia, Cystic		3	3	2	2	2	3	3	2	3	2	2	3	2	4	2	3	3	2	3	2			42	2.7

HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47			
																								3	3.0	
Lymph Node Hemorrhage																									1	2.0
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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAY ON TEST	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	3	3	3	3	3	3	3	3	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4
	7	3	9	9	9	9	9	9	0	0	9	1	1	0	3	3	5	5	4	5	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	0	0	0	0	0	0	0
MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
ANIMAL ID	5	6	7	7	7	7	7	7	8	8	8	8	8	8	9	9	0	0	0	0	0	0	0
AZT-M to 0	7	1	1	1	1	6	6	6	2	2	2	7	7	7	3	3	3	3	3	8	8	8	8
	1	8	1	2	3	7	8	9	2	3	4	4	5	6	3	4	7	8	9	4	5	6	6
																							* TOTALS
Infiltration Cellular, Lymphocyte																							19 1.1
Inflammation, Chronic Active																							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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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
	1	2	5	5	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	9	9	9	8	6	0	2	1	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3
	7	7	4	6	3	5	5	8	2	2	2	2	3	3	3	3	3	3	3	2	3	3	3	3	4
C57BL/6N XC3H/HEN MTV-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
	0	0	0	0	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5
AZT-L to 0	2	2	9	9	0	9	1	1	3	3	4	4	9	9	9	9	9	9	0	3	4	4	4	4	1
ANIMAL ID	0	3	7	8	1	6	6	7	8	9	0	1	4	5	6	7	8	9	0	9	2	3	4	5	7

females
(cont...)

ALIMENTARY SYSTEM

Esophagus	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Cyst																	2							2
Infiltration Cellular, Lymphocyte															1									
Intestine Large, Cecum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																								
Intestine Large, Colon	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Diverticulum																								
Intestine Small, Ileum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid																								
Intestine Small, Jejunum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid									4															
Liver	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basophilic Focus																								
Eosinophilic Focus, Multiple																								

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

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

females (cont...)

Thyroid Gland		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte																		1				
Follicle, Degeneration									1				1	1			1		1			
Follicular Cell, Hyperplasia																						

GENERAL BODY SYSTEM

Tissue NOS

GENITAL SYSTEM

Clitoral Gland		+	A	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Degeneration		4		4	3	4		4		4	4	4	4	4	4	4	3	4	4	4	3	3
Ovary		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy				3	4	3	3	4	4	3	3	3	4	4	3	3	3	3	2	4	3	3
Cyst				4		2							3	3			4			3		
Bilateral, Cyst					3		4															4
Uterus		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Angiectasis						4																
Hydrometra																	4					
Thrombosis						4																
Endometrium, Hyperplasia, Cystic				3	3	3	4	2	3	3	2	3	2	2	3	3		3	4	3	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

Page 37

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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
	1	2	5	5	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	9	9	9	8	6	0	2	1	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	
	7	7	4	6	3	5	5	8	2	2	2	2	3	3	3	3	3	3	3	2	3	3	3	3	4	
C57BL/6N XC3H/HEN MTV-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	
	0	0	0	0	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	
AZT-L to 0	2	2	9	9	0	9	1	1	3	3	4	4	9	9	9	9	9	9	0	3	4	4	4	4	1	
	0	3	7	8	1	6	6	7	8	9	0	1	4	5	6	7	8	9	0	9	2	3	4	5	7	

females
(cont...)

HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
							2																	2	
Lymph Node Axillary, Hyperplasia, Lymphoid Pancreatic, Hyperplasia, Lymphoid						+										+							+		
																							2		
Lymph Node, Mandibular Hyperplasia, Lymphoid	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
												3											2		2
Lymph Node, Mesenteric Cyst Hemorrhage Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte Infiltration Cellular, Plasma Cell Infiltration Cellular, Polymorphonuclear Sinus, Dilatation	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
														4											
													3												
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid Pigmentation	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus Angiectasis	M	A	+	+	+	+	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
 Page 38
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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	
	1	2	5	5	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	9	9	9	8	6	0	2	1	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	
	7	7	4	6	3	5	5	8	2	2	2	2	3	3	3	3	3	3	3	2	3	3	3	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	
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	
AZT-L to 0	0	0	0	0	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5	
ANIMAL ID	2	2	9	9	0	9	1	1	3	3	4	4	9	9	9	9	9	0	3	4	4	4	4	1	
	0	3	7	8	1	6	6	7	8	9	0	1	4	5	6	7	8	9	0	9	2	3	4	5	7

females
(cont...)

RESPIRATORY SYSTEM

Lung	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Crystals																								
Infiltration Cellular, Histiocyte																								
Infiltration Cellular, Lymphocyte					2		2			2						2	2		1	1		1		
Inflammation, Chronic Active																								
Alveolar Epithelium, Hyperplasia																								
Nose	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

SPECIAL SENSES SYSTEM

Eye	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cataract																							
Harderian Gland	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte					1				1				1	1			1						

URINARY SYSTEM

Kidney	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amyloid Deposition					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 - 02

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: 16:30:20

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

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
	1	2	5	5	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	9	9	9	8	6	0	2	1	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	
	7	7	4	6	3	5	5	8	2	2	2	2	2	3	3	3	3	3	3	2	3	3	3	3	3	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	
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	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	
AZT-L to 0	2	2	9	9	0	9	1	1	3	3	4	4	9	9	9	9	9	9	0	3	4	4	4	4	4	1	
ANIMAL ID	0	3	7	8	1	6	6	7	8	9	0	1	4	5	6	7	8	9	0	9	2	3	4	5	7		
Hemorrhage																											
Hydronephrosis																											
Infiltration Cellular, Lymphocyte				1	1	2	1				1	3		1	2	2	1					2					
Metaplasia, Osseous													2						2								
Nephropathy	4							2		1		1		1					1	2					1		
Adventitia, Inflammation, Chronic Active								4																			
Adventitia, Fat, Necrosis								4																			
Urinary Bladder	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte			1	1	1	1					1	1				2				1	1		2			1	

females (cont...)

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAY ON TEST	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4
	2	2	7	7	7	6	6	7	7	7	7	9	5	9	9	9	9	9	9	9	4	4	4
C57BL/6N XC3H/HEN MTV-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	1
ANIMAL ID	5	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7	7	8	8	8	9	9	0
AZT-L to 0	1	1	6	7	7	7	7	2	2	2	2	1	1	7	7	7	7	2	2	2	8	8	4
	8	9	7	2	3	4	5	3	4	5	6	4	5	0	1	2	3	5	6	7	4	5	0
																							* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Cyst																							2 2.0
Infiltration Cellular, Lymphocyte																							1 1.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hyperplasia, Lymphoid																					2	2	2 2.0
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Diverticulum	4																						1 4.0
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hyperplasia, Lymphoid																						2	1 2 1.5
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hyperplasia, Lymphoid																							1 4.0
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Basophilic Focus		X					X		X														3
Eosinophilic Focus, Multiple											X												1

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

TDMS No. 20311 - 02

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: 16:30:20

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

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			
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7				
	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4		
	2	2	7	7	7	6	6	7	7	7	7	9	5	9	9	9	9	9	9	9	4	4	4		
C57BL/6N XC3H/HEN MTV-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	1		
	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7	7	8	8	8	8	9	9	0		
	1	1	6	7	7	7	2	2	2	2	1	1	7	7	7	2	2	2	2	8	8	4	4		
AZT-L to 0	8	9	7	2	3	4	5	3	4	5	6	4	5	0	1	2	3	5	6	7	4	5	0		
Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Mixed Cell Focus Tension Lipidosis Vacuolization Cytoplasmic	1			1			2	1											1	1			12	1.1	
			1											1							1		3	1.0	
																						1	1	1	
																							5	1.0	
	1	1		2	2	1		2					1	1									19	1.5	
Mesentery Cyst Hemorrhage Fat, Necrosis	+	+				+																+	11		
																							1	4.0	
			4																				2	4.0	
	4	2				3																4	11	3.5	
Pancreas Cyst Edema Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Necrosis Acinus, Degeneration Fat, Necrosis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
				4																			1	4.0	
																							1	2.0	
					1					1	1				2		1	1				1	13	1.1	
																							1	4.0	
																							1	4.0	
													2			1							2	1.5	
																						3	1	3.0	
Salivary Glands Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
			1	2	1	2	2	2	1	1	2	2	2	1	1	1		2	3	1		2	2	2	
																							39	1.6	
Stomach, Forestomach	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
Stomach, Glandular Inflammation, Chronic Active Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45		
							2																1	2.0	
																							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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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
	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4
	2	2	7	7	7	6	6	7	7	7	7	9	5	9	9	9	9	9	9	4	4	4
.....																						
C57BL/6N XC3H/HEN MTV-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	1	
	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7	8	8	8	9	9	0	
ANIMAL ID	1	1	6	7	7	7	2	2	2	2	1	1	7	7	7	2	2	2	8	8	4	
AZT-L to 0	8	9	7	2	3	4	5	3	4	5	6	4	5	0	1	2	3	5	6	7	4	
																					0	
																					* TOTALS	

CARDIOVASCULAR SYSTEM

Blood Vessel	+ +																					46
Heart	+ +																					46

ENDOCRINE SYSTEM

Adrenal Cortex	+ +																					46
Accessory Adrenal Cortical Nodule	X																					3
Cyst																						1 1.0
Vacuolization Cytoplasmic	2																					6 3.2
Subcapsular, Hyperplasia	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1	3	2	1	2	2	1	2
																						45 1.9
Adrenal Medulla	+ + + + + + + + + + + + + + M + + + + + + + + + +																					43
Islets, Pancreatic	+ +																					46
Hyperplasia	2																					4 1.3
Parathyroid Gland	+ + + + M + + + + + + + M + + + M + + + + + +																					40
Cyst	1																					1 1.0
Pituitary Gland	+ + + + + + M + + + + + + + + + + + + + + +																					44
Hemorrhage																						1 4.0
Pars Distalis, Angiectasis																						1 1.0
Pars Distalis, Cyst	2 2																					6 2.2
Pars Distalis, Hyperplasia	2 2 1 3 1 2																					7 1.9

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4
	2	2	7	7	7	6	6	7	7	7	7	9	5	9	9	9	9	9	9	9	4	4

C57BL/6N XC3H/HEN MTV-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	1
	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7	7	8	8	8	8	9	9
	1	1	6	7	7	7	2	2	2	2	1	1	7	7	7	2	2	2	2	8	8	4
AZT-L to 0	8	9	7	2	3	4	5	3	4	5	6	4	5	0	1	2	3	5	6	7	4	5

*** TOTALS**

Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Infiltration Cellular, Lymphocyte																							1 1.0
Follicle, Degeneration	1							1															7 1.0
Follicular Cell, Hyperplasia													1										1 1.0

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	44
Degeneration	4	3	4	4	3		4	2	2	4	4	4	4	3	4	3		4	4	4	4	3	41 3.7
Ovary	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Atrophy	3	3	3	4	3	3		3	3	3	3	3	3	4	3	3		2	3	4	4	3	44 3.2
Cyst		3		4						4								2		4	4		14 3.3
Bilateral, Cyst			3																				3 3.3
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Angiectasis																							1 4.0
Hydrometra							4			4								4		4			5 4.0
Thrombosis																							1 4.0
Endometrium, Hyperplasia, Cystic	2	2	4	3	4	3		2	3			3	2	4	4	2	3	3		2		4	38 2.8

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4
	2	2	7	7	7	6	6	7	7	7	7	9	5	9	9	9	9	9	9	9	4	4	4
C57BL/6N XC3H/HEN MTV-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	1
	5	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7	7	8	8	8	9	9	0
ANIMAL ID	1	1	6	7	7	7	7	2	2	2	2	1	1	7	7	7	2	2	2	8	8	8	4
AZT-L to 0	8	9	7	2	3	4	5	3	4	5	6	4	5	0	1	2	3	5	6	7	4	5	0
																							* TOTALS

HEMATOPOIETIC SYSTEM

Bone Marrow	+ +																						46	
Hyperplasia																								2 2.0
Lymph Node																							5	
Axillary, Hyperplasia, Lymphoid																								1 2.0
Pancreatic, Hyperplasia, Lymphoid	3																							1 3.0
Lymph Node, Mandibular	+ +																						46	
Hyperplasia, Lymphoid	2 2 1 2 2 3 1 1 1																							12 1.8
Lymph Node, Mesenteric	+ +																						45	
Cyst																								1 4.0
Hemorrhage																								2 2.5
Hyperplasia, Lymphoid	2 2 1 2 1 2 2																							16 1.6
Infiltration Cellular, Histiocyte																								2 3.0
Infiltration Cellular, Plasma Cell	3																							1 3.0
Infiltration Cellular, Polymorphonuclear																								1 2.0
Sinus, Dilatation	4																							1 4.0
Spleen	+ +																						46	
Hematopoietic Cell Proliferation	2 3																							8 2.6
Hyperplasia, Lymphoid	3 2 2 2 1 4 3 3																							25 2.7
Pigmentation	2																							1 2.0
Thymus	+ +																						44	
Angiectasis	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:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4					
	2	2	7	7	7	6	6	7	7	7	7	9	5	9	9	9	9	9	9	9	4	4	4					
C57BL/6N XC3H/HEN MTV-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				
	5	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7	7	8	8	8	8	9	9	0				
ANIMAL ID	1	1	6	7	7	7	7	2	2	2	2	1	1	7	7	7	2	2	2	8	8	8	4					
AZT-L to 0	8	9	7	2	3	4	5	3	4	5	6	4	5	0	1	2	3	5	6	7	4	5	0					
* TOTALS																												
Atrophy	3			2		3			3		2		4				3		3		2		2		13	2.7		
Hyperplasia, Lymphoid	3													3			1	3			2			12	2.4			
INTEGUMENTARY SYSTEM																												
Mammary Gland	+																						+		+		45	
Lactation																										2	2.0	
Alveolus, Hyperplasia																										1	3.0	
Skin	+																						+		46			
MUSCULOSKELETAL SYSTEM																												
Bone, Femur	+																						+		47			
Fibro-Osseous Lesion																									1	4.0		
NERVOUS SYSTEM																												
Brain, Brain Stem	+																						+		46			
Compression																										1	3.0	
Hemorrhage																										1	2.0	
Brain, Cerebellum	+																						+		46			
Brain, Cerebrum	+																						+		46			
Mineralization	1		1	1			1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	26	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 - 02

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: 16:30:20

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

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	
	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	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	
DAY ON TEST	2	2	7	7	7	6	6	7	7	7	7	9	5	9	9	9	9	9	9	9	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 FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	5	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7	7	8	8	8	9	9	0	
ANIMAL ID	1	1	6	7	7	7	7	2	2	2	1	1	7	7	7	7	2	2	2	8	8	8	4	
AZT-L to 0	8	9	7	2	3	4	5	3	4	5	6	4	5	0	1	2	3	5	6	7	4	5	0	* TOTALS

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Crystals			4																					1 4.0
Infiltration Cellular, Histiocyte			4																					1 4.0
Infiltration Cellular, Lymphocyte					1			1						2	1				2		1			14 1.5
Inflammation, Chronic Active							1												2					2 1.5
Alveolar Epithelium, Hyperplasia						2																		1 2.0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46

SPECIAL SENSES SYSTEM

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Cataract																								1 1.0
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Infiltration Cellular, Lymphocyte																						1		6 1.0

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Amyloid Deposition																								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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

DAY ON TEST	0																														
	7																														
	3				2				3				3				3				3				4						
	2				7				7				6				7				9				9					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 FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1							
ANIMAL ID	5	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7	7	8	8	8	8	9	9	0							
AZT-L to 0	1	1	6	7	7	7	7	2	2	2	2	1	1	7	7	7	7	2	2	2	8	8	4	4							
	8	9	7	2	3	4	5	3	4	5	6	4	5	0	1	2	3	5	6	7	4	5	0	* TOTALS							
Hemorrhage												4												1 4.0							
Hydronephrosis												4												1 4.0							
Infiltration Cellular, Lymphocyte					2			2									1				2			15 1.6							
Metaplasia, Osseous																	1							3 1.7							
Nephropathy	1	1	1	1		1	1		1	1	4	1	1	1			1	1				1		23 1.3							
Adventitia, Inflammation, Chronic Active																								1 4.0							
Adventitia, Fat, Necrosis																								1 4.0							
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46							
Infiltration Cellular, Lymphocyte	1	1		1	1		1		1					1				2		1			1	21 1.1							

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAY ON TEST		1	5	5	6	5	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		7	8	8	0	9	0	0	9	8	0	1	1	3	3	3	3	3	3	3	3	3	3	3
		8	5	8	4	5	8	9	2	5	5	7	5	2	2	3	3	3	3	3	3	1	7	8
.....																								
C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE	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
AZT-H/3TC-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	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	4	4	4	5	6
		1	9	0	1	2	3	3	4	5	9	9	1	4	4	0	0	4	4	4	4	9	7	2
		0	2	2	6	1	3	4	0	2	5	7	0	2	3	1	2	3	6	7	8	9	6	7
																								8

**females
(cont...)**

Mixed Cell Focus Tension Lipidosis Vacuolization Cytoplasmic		1						2			2		4	2	1	2		2		2			1	
.....																								
Mesentery Hemorrhage Infiltration Cellular, Lymphocyte Fat, Necrosis											+				+					+			+	
											4					3								
																3							4	4
																4								
.....																								
Pancreas Infiltration Cellular, Lymphocyte		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
					1							1	1	1	1				1				1	1
.....																								
Salivary Glands Infiltration Cellular, Lymphocyte Acinus, Degeneration		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
			2	1	2	1	2	1			2	1	2	1	2	1	2	1	1	1	1	2		1
																								1
.....																								
Stomach, Forestomach Hyperkeratosis Epithelium, Hyperplasia		+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	
																						2	2	
.....																								
Stomach, Glandular Degeneration, Hyaline Inflammation, Chronic Active Epithelium, Hyperplasia		+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	
																						3	3	
																						3	2	
																						3	3	

CARDIOVASCULAR SYSTEM

Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
--------------	--	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

* .. 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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
	1	5	5	6	5	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	7	8	8	0	9	0	0	9	8	0	1	1	3	3	3	3	3	3	3	3	3	3	3	3
	8	5	8	4	5	8	9	2	5	5	7	5	2	2	3	3	3	3	3	3	1	7	8	7
C57BL/6N XC3H/HEN MTV-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	1	1	1	1	2	2	2	3	3	3	4	4	4	4	4	4	4	4	5	6	6
AZT-H/3TC-H to 0	1	9	0	1	2	3	3	4	5	9	9	1	4	4	0	0	0	4	4	4	4	9	7	2
ANIMAL ID	0	2	2	6	1	3	4	0	2	5	7	0	2	3	1	2	3	6	7	8	9	9	6	7

females (cont...)

Heart +

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Accessory Adrenal Cortical Nodule																								
Vacuolization Cytoplasmic																								
Subcapsular, Hyperplasia	2	2	2	2	2	2	3		2	2			2	2	2	2	2	2	2	3	2	2	2	2
Adrenal Medulla	+	+	+	+	+	+	+	A	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia																								2
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	M	M	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	A	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Angiectasis																								
Pars Distalis, Cyst													2											2
Pars Distalis, Hyperplasia																								
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte																								
C-cell, Hyperplasia																								
Follicle, Degeneration																								
Follicular Cell, Hyperplasia																								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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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
	1	5	5	6	5	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	7	8	8	0	9	0	0	9	8	0	1	1	3	3	3	3	3	3	3	3	3	3	3	3
	8	5	8	4	5	8	9	2	5	5	7	5	2	2	3	3	3	3	3	3	3	1	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
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
AZT-H/3TC-H to 0	0	0	1	1	1	1	1	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	5	6
ANIMAL ID	1	9	0	1	2	3	3	4	5	9	9	1	4	4	0	0	0	4	4	4	9	7	2	2
	0	2	2	6	1	3	4	0	2	5	7	0	2	3	1	2	3	6	7	8	9	9	6	7

females (cont...)

GENERAL BODY SYSTEM

Tissue NOS
 Hemorrhage
 Infiltration Cellular, Lymphocyte

+
 4
 4

GENITAL SYSTEM

Clitoral Gland
 Atrophy
 Degeneration
 Ovary
 Atrophy
 Cyst
 Hematocyst
 Bilateral, Cyst
 Uterus
 Hydrometra
 Endometrium, Hyperplasia, Cystic

M + M + + + + + + + M + + + + + + + M + + + + +
 4 4 4 4 3 4 4 4 4 4 4 4 4 3 3 3 4 4 4 4 4
 +
 3 2 2 3 3 3 3 4 3 3 4 2 3 3 1 3 3 3 3 3
 3 3 2 3 3 3 3 3 3 3 3 4
 X X X
 +
 4 4 3 3 2 2 3 2 4 3 1 3 2 4 4 3 4 4

HEMATOPOIETIC SYSTEM

Bone Marrow
 Pigmentation

+ + + + + + + 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 5 | 5 | 6 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 7 | 8 | 8 | 0 | 9 | 0 | 0 | 9 | 8 | 0 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 8 | 5 | 8 | 4 | 5 | 8 | 9 | 2 | 5 | 5 | 7 | 5 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 7 | 8 | 7 |

| C57BL/6N XC3H/HEN MTV-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 |
| | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 6 |
| | 1 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 9 | 9 | 1 | 4 | 4 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 9 | 7 | 2 | 2 | |
| AZT-H/3TC-H to 0 | 0 | 2 | 2 | 6 | 1 | 3 | 4 | 0 | 2 | 5 | 7 | 0 | 2 | 3 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 9 | 6 | 7 | 8 |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 5 | 5 | 6 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 7 | 8 | 8 | 0 | 9 | 0 | 0 | 9 | 8 | 0 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 8 | 5 | 8 | 4 | 5 | 8 | 9 | 2 | 5 | 5 | 7 | 5 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 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 | |
| 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 | |
| AZT-H/3TC-H to 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | |
| ANIMAL ID | 1 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 9 | 9 | 1 | 4 | 4 | 0 | 0 | 0 | 4 | 4 | 4 | 9 | 7 | 2 | | |
| | 0 | 2 | 2 | 6 | 1 | 3 | 4 | 0 | 2 | 5 | 7 | 0 | 2 | 3 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 9 | 6 | | |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland
Alveolus, Hyperplasia | M | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin
Fibrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur
Fibro-Osseous Lesion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Skeletal Muscle | | | | | | | | | | | | + | | | | | | | | | | | | |

NERVOUS SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 55

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 5 | 5 | 6 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 7 | 8 | 8 | 0 | 9 | 0 | 0 | 9 | 8 | 0 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 8 | 5 | 8 | 4 | 5 | 8 | 9 | 2 | 5 | 5 | 7 | 5 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 7 | 8 | 7 |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 6 |
| AZT-H/3TC-H to 0 | 1 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 9 | 9 | 1 | 4 | 4 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 9 | 7 | 2 |
| ANIMAL ID | 0 | 2 | 2 | 6 | 1 | 3 | 4 | 0 | 2 | 5 | 7 | 0 | 2 | 3 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 9 | 6 | 7 |

females (cont...)

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Crystals | | | 4 | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | 4 | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | 2 | | 1 | | 1 | | | | | 2 | 2 | 1 | 2 | 1 | | | | 2 | | 1 | | 1 | |
| Inflammation, Chronic | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | 1 | 1 | 1 | | | | | | | | 1 | | | | | | | | | | | |
| Acinus, Degeneration | | | | | | 2 | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 5 | 5 | 6 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 7 | 8 | 8 | 0 | 9 | 0 | 0 | 9 | 8 | 0 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 8 | 5 | 8 | 4 | 5 | 8 | 9 | 2 | 5 | 5 | 7 | 5 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 7 | 8 | 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 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 |
| AZT-H/3TC-H to 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 6 |
| ANIMAL ID | 1 | 9 | 0 | 1 | 2 | 3 | 3 | 4 | 5 | 9 | 9 | 1 | 4 | 4 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 9 | 7 | 2 | 2 |
| | 0 | 2 | 2 | 6 | 1 | 3 | 4 | 0 | 2 | 5 | 7 | 0 | 2 | 3 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 9 | 6 | 7 | 8 |
| Hyaline Droplet | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | 2 | | | | | | 1 | | 1 | 2 | 1 | | | 1 | 1 | | | 1 | | | 1 | 1 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | 2 | | | | | 1 | 1 | | | | | | | 1 | | | | | 1 | | 1 | 1 | | | |
| Urinary Bladder | + | + | + | + | + | + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | 1 | | | 2 | 1 | | | | 2 | 1 | | | 1 | 1 | | | 1 |

females
(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 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 |
| | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 0 | 0 | 0 | 0 | 9 | 8 | 8 | 8 | 9 | 9 | 8 | 8 | 9 | 9 | 9 | 5 | 4 | 4 | 5 | 5 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 |
| AZT-H/3TC-H to 0 | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 6 | 7 | 8 | 1 | 2 | 3 | 7 | 8 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + | 46
1 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Large, Rectum
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46
1 2.0 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Basophilic Focus | X | | | X | | | | | | | | | X | | | | X | | | X | | | | 7 |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Eosinophilic Focus | | | | | X | | | | | | | | | | | | | | | | | | | 2 |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | X | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | 1 | 1 | | | | 2 | | 1 | | | | 1 | 13 1.4 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 2 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 0 | 0 | 0 | 0 | 9 | 8 | 8 | 8 | 9 | 9 | 8 | 8 | 9 | 9 | 9 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 1 | |
| ANIMAL ID | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AZT-H/3TC-H to 0 | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 7 | 7 | 7 | 7 | 2 | 2 | 3 | 8 | 8 | 8 | 4 | 4 | 4 | 4 | 8 | 8 | |
| | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 6 | 7 | 8 | 1 | 2 | 3 | 7 | 8 | * TOTALS | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | X | | | | | 1 | |
| Tension Lipidosis | 2 | 2 | | | | | | | | 2 | 1 | | | 2 | | | | | | | | | | 6 | 1.7 |
| Vacuolization Cytoplasmic | | | | | | | | 2 | | | 2 | | | | 1 | 1 | | 2 | | | | 2 | 2 | 16 | 1.9 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.5 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Fat, Necrosis | | | | | 4 | | | | | | | | | | | | | | | | | | | 5 | 3.8 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 18 | 1.2 |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 39 | 1.4 |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | 47 | |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | 46 | |
| Degeneration, Hyaline | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 0 | 0 | 0 | 0 | 9 | 8 | 8 | 8 | 9 | 9 | 8 | 8 | 9 | 9 | 9 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MICE FEMALE | 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 | |
| AZT-H/3TC-H to 0 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 7 | 7 | 7 | 7 | 2 | 2 | 3 | 8 | 8 | 8 | 8 | 4 | 4 | 4 | 4 | 8 | 8 | |
| | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 6 | 7 | 8 | 1 | 2 | 3 | 7 | 8 | | * TOTALS | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Subcapsular, Hyperplasia | 2 | 2 | 2 | 1 | 4 | 1 | 1 | 2 | 2 | 2 | 1 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 44 2.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Parathyroid Gland | + | M | M | M | + | + | M | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 38 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | 1 | | | | | | 2 | | | 2 1.5 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 3 1.7 |
| Pars Distalis, Hyperplasia | | 2 | | 1 | | | | | | | | | 2 | 2 | | | | | 1 | 2 | | | | | | 10 1.8 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 2 1.0 |
| C-cell, Hyperplasia | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Follicle, Degeneration | 1 | | | | 1 | | | | | 1 | | | | 1 | | | 1 | | 3 | | | | 1 | | | 8 1.4 |
| Follicular Cell, Hyperplasia | | | | | | | 1 | | | | | | | | | | | | | | | | | | | 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 0 | 0 | 0 | 0 | 9 | 8 | 8 | 8 | 9 | 9 | 8 | 8 | 9 | 9 | 9 | 5 | 4 | 4 | 5 | 5 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 0 | 0 | 0 | 0 | 0 |
| AZT-H/3TC-H to 0 | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 7 | 7 | 7 | 7 | 2 | 2 | 3 | 8 | 8 | 8 | 4 | 4 | 4 | 8 | 8 |
| | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 6 | 7 | 8 | 1 | 2 | 3 | 7 | 8 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-------|
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|-----|-----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | |
| Degeneration | 4 | 3 | 3 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | | | 42 | 3.8 | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Atrophy | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | | 3 | | 3 | 4 | | | | 39 | 3.1 | |
| Cyst | 3 | | 2 | | | 3 | | | | | | 2 | | | | 4 | 2 | 4 | | | 4 | | | 15 | 3.0 | |
| Hematocyst | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Bilateral, Cyst | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Hydrometra | | | | | | | | | | | | | | | | | | | | | | | | 6 4.0 | | |
| Endometrium, Hyperplasia, Cystic | 3 | 2 | 2 | 4 | | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | | 2 | 2 | 2 | 3 | 4 | 2 | 3 | 3 | 41 | 2.7 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|----------|----------|---|---|----------|---|----------|----------|----------|---|---|---|----------|----------|----------|---|---|----------|------------|------------|------------|------------|------------|-----------|------------|
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | | | |
| Lumbar, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | | | | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | | | |
| Renal, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | 2 | | | | | | | | | | | 2 | 1 | 1 | | | 48 | 12 | 1.6 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | 2 | | | | | | | 45 | 1 | 2.0 | | |
| Hyperplasia, Lymphoid | 2 | 3 | | 3 | 2 | | | | 1 | 2 | | | 1 | 1 | 3 | 2 | | 2 | 2 | | 2 | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | 2 | | | | | | | | | 1 | 2.0 | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | 2 | | | | | | | 3 | 2.7 | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 2 | 4.0 | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | 4 | 2 | | | | | 3 | 2 | | | | | 2 | 2 | 2 | | | | | 47 | 13 | 2.5 | | | |
| Hyperplasia, Lymphoid | 2 | 4 | 2 | 4 | 4 | | 3 | | 4 | | 2 | 2 | | 4 | | 4 | 4 | 4 | | 4 | | 4 | | | | | | | |
| Thymus | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | |
| Atrophy | 3 | 3 | 2 | 3 | 2 | | 3 | | | | | | | | 3 | 1 | 2 | | | 2 | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | 2 | | | | | | | | | 2 | | | | | | | 45 | 18 | 2.4 | | |
| | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.0 | | | | | |

INTEGUMENTARY SYSTEM

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 |
| ANIMAL ID | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 0 | 0 | 0 | 0 | 9 | 8 | 8 | 8 | 9 | 9 | 8 | 8 | 9 | 9 | 9 | 5 | 4 | 4 | 5 | 5 | 5 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| AZT-H/3TC-H to 0 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| * TOTALS | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 6 | 7 | 8 | 1 | 2 | 3 | 7 | 8 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------------------|
| Mammary Gland
Alveolus, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | | 45
1 4.0 |
| Skin
Fibrosis | + | + | + | + | + | + | + | + | + | + | 2 | + | + | + | + | + | + | + | + | + | + | + | + | 48
1 2.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---------------------------|
| Bone | | | | | + | | | | | | | | | | | | | | | | | | | | 1 |
| Bone, Femur
Fibro-Osseous Lesion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 48
1 2.0 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----------------------------|
| Brain, Brain Stem
Compression | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 47
1 4.0 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 47 |
| Brain, Cerebrum
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 47
25 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 63

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 0 | 0 | 0 | 0 | 9 | 8 | 8 | 8 | 9 | 9 | 8 | 8 | 9 | 9 | 9 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 1 |
| | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| AZT-H/3TC-H to 0 | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 7 | 7 | 7 | 7 | 2 | 2 | 3 | 8 | 8 | 8 | 4 | 4 | 4 | 4 | 8 | 8 |
| | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 6 | 7 | 8 | 1 | 2 | 3 | 7 | 8 | |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Crystals | | | | | | | | | | | | | | | | 4 | | | | | | | | 2 4.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | 4 | | | | | | | | 2 4.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | 1 | | 2 | | 1 | 14 1.4 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 1 | | | | | | 1 1.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 4 1.0 |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 |
|---|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|-----------------|--------------|
| 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| DAY ON TEST | | 4 | 4 | 4 | 4 | 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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| DAY ON TEST | | 0 | 0 | 0 | 0 | 9 | 8 | 8 | 8 | 9 | 9 | 8 | 8 | 9 | 9 | 9 | 9 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | ANIMAL ID | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | ANIMAL ID | 7 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 7 | 7 | 7 | 7 | 2 | 2 | 3 | 8 | 8 | 8 | 8 | 4 | 4 | 4 | 4 | 4 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | |
| AZT-H/3TC-H to 0 | ANIMAL ID | 0 | 1 | 2 | 3 | 6 | 7 | 8 | 9 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 6 | 7 | 8 | 1 | 2 | 3 | 7 | 8 | | | | | | | | | | | | | | | * TOTALS | |
| | Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| | Infiltration Cellular, Lymphocyte | 1 | 2 | | | 2 | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 16 1.3 | |
| | Metaplasia, Osseous | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| | Nephropathy | | | | 1 | 1 | | 2 | 1 | 1 | | | | | 1 | | | | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | 18 1.1 | | |
| | Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| | Infiltration Cellular, Lymphocyte | | | | 1 | 1 | 1 | | | | | 2 | 1 | | 1 | | | | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 1.2 | | |

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

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 3 | 8 | 9 | 0 | 1 | 4 | 6 | 6 | 7 | 9 | 9 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 8 | 7 | 5 | 0 | 2 | 3 | 2 | 6 | 8 | 0 | 8 | 4 | 0 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 1 | 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 |
| 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 |
| AZT-M/3TC-M to 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 |
| ANIMAL ID | 6 | 0 | 2 | 2 | 4 | 7 | 7 | 9 | 1 | 5 | 7 | 8 | 0 | 4 | 4 | 4 | 5 | 5 | 5 | 2 | 2 | 1 | 2 | 3 | 3 | 3 | 3 |
| | 0 | 1 | 3 | 8 | 7 | 3 | 9 | 9 | 3 | 6 | 2 | 4 | 1 | 4 | 5 | 6 | 0 | 1 | 2 | 3 | 0 | 1 | 9 | 2 | 0 | 0 | 0 |

females
(cont...)

ALIMENTARY SYSTEM

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

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

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 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
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 | | | | | |
| | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | | | |
| | 3 | 8 | 9 | 0 | 1 | 4 | 6 | 6 | 7 | 9 | 9 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | | |
| | 8 | 7 | 5 | 0 | 2 | 3 | 2 | 6 | 8 | 0 | 8 | 4 | 0 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 1 | 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 | | | | |
| 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 | | | | |
| ANIMAL ID | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 2 | 2 | 1 | 9 | 9 | 0 | females |
| AZT-M/3TC-M to 0 | 0 | 1 | 3 | 8 | 7 | 3 | 9 | 9 | 3 | 6 | 2 | 4 | 1 | 4 | 5 | 6 | 0 | 1 | 2 | 3 | 0 | 1 | 9 | 9 | 0 | (cont...) | | |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | 4 | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | 1 | | | | 1 | | | | 1 | 1 | 1 | | | | | | | | 2 | |
| Inflammation, Chronic Active | | | | 1 | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| Mixed Cell Focus | | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | 2 | 2 | | | | | 1 | 4 | | 1 | | 2 | 2 | | 3 | 2 | 2 | | | 1 | | 1 | 2 | | | |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematocyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | 3 | | | | | | | | 4 | | | | | |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Infiltration Cellular, Lymphocyte | | | | | 1 | | | | | 2 | | 2 | 1 | | | 1 | 1 | | 1 | 1 | 1 | | | | | | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 2 | 1 | 2 | 2 | 1 | 2 | | | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | | | |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Keratin Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | X | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |

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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| DAY ON TEST | Animals | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|-----------------------------------|---------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | |
| | 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 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 3 | 8 | 9 | 0 | 1 | 4 | 6 | 6 | 7 | 9 | 9 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 8 | 7 | 5 | 0 | 2 | 3 | 2 | 6 | 8 | 0 | 8 | 4 | 0 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 1 | 8 | 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 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 | |
| ANIMAL ID | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | |
| AZT-M/3TC-M to 0 | 6 | 0 | 2 | 2 | 4 | 7 | 7 | 9 | 1 | 5 | 7 | 8 | 0 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 2 | 2 | 1 | 2 | 3 |
| | 0 | 1 | 3 | 8 | 7 | 3 | 9 | 9 | 3 | 6 | 2 | 4 | 1 | 4 | 5 | 6 | 0 | 1 | 2 | 3 | 0 | 1 | 9 | 9 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Subcapsular, Hyperplasia | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 3 | 2 | 2 | | |
| Adrenal Medulla | M | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Islets, Pancreatic | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Parathyroid Gland | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | M | + | |
| Pituitary Gland | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Pars Distalis, Hyperplasia | | | | | | | | 2 | 3 | 3 | | 2 | 3 | | 2 | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | | 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 3 | 8 | 9 | 0 | 1 | 4 | 6 | 6 | 7 | 9 | 9 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 8 | 7 | 5 | 0 | 2 | 3 | 2 | 6 | 8 | 0 | 8 | 4 | 0 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 1 | 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 | |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | |
| AZT-M/3TC-M to 0 | 6 | 0 | 2 | 4 | 7 | 7 | 9 | 1 | 5 | 7 | 8 | 0 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 2 | 2 | 1 | 2 | 3 | females (cont...) |
| | 0 | 1 | 3 | 8 | 7 | 3 | 9 | 9 | 3 | 6 | 2 | 4 | 1 | 4 | 5 | 6 | 0 | 1 | 2 | 3 | 0 | 1 | 9 | 0 | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | 2 | 3 | | | | | 3 | | | | | | | | | | | | |
| Lymph Node | | + | | | + | | | | + | | + | | | + | | | | | | | | | + | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Fibrosis | | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Lymph Node, Mandibular | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | 3 | | | 1 | | 3 | 2 | | 1 | | 2 | | | | | | | 1 | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | A | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | 2 | 2 | | | | | 2 | | | | | | 1 | | 2 | | | | | 3 | | 3 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Infiltration Cellular, Plasma Cell | | | | 1 | | | | | | | | | | | | | | | | | | | | 4 | |
| Infiltration Cellular, Polymorphonuclear | | | | 1 | | 2 | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hematopoietic Cell Proliferation | | 2 | | | | 4 | 4 | | | 4 | 3 | 2 | | 2 | | | | | 4 | | | | 4 | 1 | |
| Hyperplasia, Lymphoid | | | | 2 | | 3 | | 3 | | 4 | 2 | | 3 | | 2 | 3 | | 2 | 3 | 4 | 4 | 3 | 3 | | |
| Thymus | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | |
| Atrophy | | | | | | 3 | | | 2 | 4 | 2 | | | 4 | | | | 3 | 3 | | | 2 | | 3 | |
| Hyperplasia, Lymphoid | | | | 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 70

TDMS No. 20311 - 02

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: 16:30:20

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

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

females (cont...)

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Galactoceles | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Fibro-Osseous Lesion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 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 71

| 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 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 3 | 8 | 9 | 0 | 1 | 4 | 6 | 6 | 7 | 9 | 9 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 8 | 7 | 5 | 0 | 2 | 3 | 2 | 6 | 8 | 0 | 8 | 4 | 0 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 1 | 8 |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 6 |
| AZT-M/3TC-M to 0 | 6 | 0 | 2 | 2 | 4 | 7 | 7 | 9 | 1 | 5 | 7 | 8 | 0 | 4 | 4 | 5 | 5 | 5 | 5 | 2 | 2 | 1 | 2 | 3 |
| | 0 | 1 | 3 | 8 | 7 | 3 | 9 | 9 | 3 | 6 | 2 | 4 | 1 | 4 | 5 | 6 | 0 | 1 | 2 | 3 | 0 | 1 | 9 | 0 |

females (cont...)

Peripheral Nerve +

Spinal Cord +

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Congestion | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | 1 | | | | 3 | | 2 | 2 | | 1 | 1 | | | | | | 2 | 2 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | 1 | 1 | | | | 2 | | | | | | | | | | | | | | |
| Acinus, Degeneration | | | | | | 1 | | | | | | | | | | | | | | | | | | |

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

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

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 3 | 8 | 9 | 0 | 1 | 4 | 6 | 6 | 7 | 9 | 9 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 8 | 7 | 5 | 0 | 2 | 3 | 2 | 6 | 8 | 0 | 8 | 4 | 0 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 1 | 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 |
| 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 |
| ANIMAL ID | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 |
| AZT-M/3TC-M to 0 | 0 | 1 | 3 | 8 | 7 | 3 | 9 | 9 | 3 | 6 | 2 | 4 | 1 | 4 | 5 | 6 | 0 | 1 | 2 | 3 | 0 | 1 | 9 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyaline Droplet | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | 1 | 1 | 1 | | 1 | | | 1 | | 1 | | | | 1 | | 2 | | | 1 | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Nephropathy | | | | | | | 1 | | | | | 1 | 1 | 1 | | 2 | | | 1 | | | 2 | 1 | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | 1 | 1 | 1 | | | | | 1 | 1 | | | 1 | | 2 | 2 | | | | 1 | 1 | 1 | 1 | 1 |

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

TDMS No. 20311 - 02

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: 16:30:20

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

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

females (cont...)

ALIMENTARY SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
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 74

TDMS No. 20311 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
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 | 6 | 7 | 7 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 4 | 3 | |
| | 8 | 8 | 9 | 9 | 8 | 6 | 3 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 3 | 2 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 0 | 1 | 9 |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | |
| | 3 | 3 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 3 | 4 | 7 | 7 | 3 | 3 | 8 | 9 | 4 | 8 | 9 | 2 | 2 | 0 | 5 | 5 | |
| AZT-M/3TC-M to 0 | 1 | 2 | 0 | 1 | 2 | 9 | 1 | 2 | 3 | 3 | 4 | 7 | 8 | 9 | 5 | 6 | 9 | 0 | 4 | 9 | 0 | 4 | 5 | 7 | 8 | 9 |

**females
(cont...)**

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | | | | | | | | | | | 2 | | 1 | 2 | 1 | 1 | | 1 | | | | | 1 | 2 | 2 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | 2 | | | | | | | 2 | | | | 2 | | 1 | | 1 | | | | | | | |
| Vacuolization Cytoplasmic | 1 | 2 | 3 | | | | | 2 | 2 | 2 | 2 | 1 | 1 | | 2 | | | | | | | | 2 | 1 | 3 | 2 | |
| Mesentery | + | | + | | | | A | | | | | | | + | | | | | | | | | | | | | |
| Hematocyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | 4 | | 4 | | 4 | | | | | | | | 3 | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | 2 | | 2 | 1 | 1 | | | | | | | 2 | | | | | 1 | | 1 | 2 | | | | | | 1 | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | 3 | 1 | 1 | 2 | 1 | | | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | |
| Stomach, Forestomach | + | + | + | + | + | | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Keratin Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 6 | 7 | 7 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 4 | 3 | |
| | 8 | 8 | 9 | 9 | 8 | 6 | 3 | 0 | 0 | 0 | 2 | 2 | 2 | 3 | 2 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 0 | 1 | 9 |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 2 | 2 | 2 |
| | 3 | 3 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 3 | 3 | 8 | 9 | 4 | 8 | 9 | 2 | 2 | 0 | 5 | 5 |
| AZT-M/3TC-M to 0 | 1 | 2 | 0 | 1 | 2 | 9 | 1 | 2 | 3 | 4 | 7 | 8 | 9 | 5 | 6 | 9 | 0 | 4 | 9 | 0 | 4 | 5 | 7 | 8 | 9 |

females (cont...)

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

ENDOCRINE SYSTEM

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

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

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

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

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | | | | | | | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 4 | 3 | | | | | | | | |
| | 8 | 8 | 9 | 9 | 8 | 6 | 3 | 0 | 0 | 0 | 2 | 2 | 2 | 3 | 2 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 0 | 1 | 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 | | | | | | | | |
| MICE FEMALE | 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 | | | | | | | | |
| AZT-M/3TC-M to 0 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | | | | | | | | |
| ANIMAL ID | 3 | 3 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 3 | 4 | 7 | 7 | 7 | 3 | 3 | 8 | 9 | 4 | 8 | 9 | 2 | 2 | 0 | 5 | 5 | | | | | | | |
| | 1 | 2 | 0 | 1 | 2 | 9 | 1 | 2 | 3 | 3 | 4 | 7 | 8 | 9 | 5 | 6 | 9 | 0 | 4 | 9 | 0 | 4 | 5 | 7 | 8 | 9 | | | | | | | |
| Follicle, Degeneration | 2 | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| Follicular Cell, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

females (cont...)

GENERAL BODY SYSTEM

Tissue NOS

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland Degeneration | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | |
| | 3 | 4 | 4 | 4 | 4 | | 2 | 4 | 3 | 4 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | | 4 | 3 | 3 | |
| Ovary Atrophy | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 3 | 3 | 4 | 4 | 4 | | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | | | 2 | 2 | |
| Ovary Cyst | | | 4 | 2 | | | | | 2 | | 4 | 4 | 4 | 4 | | | | | | | 3 | | | | 4 | |
| Ovary Hematocyst | | | | | 2 | | | | | | | | | | | | | | | | | | | | 4 | |
| Ovary Bilateral, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Uterus Angiectasis | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus Hydrometra | | | | | | | | | | 4 | | | | | | | | | | | | | | | | |
| Uterus Endometrium, Hyperplasia, Cystic | 4 | 2 | 3 | 3 | 2 | | 1 | 4 | | 4 | 2 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 1 | 3 | 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
 Page 77

TDMS No. 20311 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
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 | 6 | 7 | 7 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 4 | 3 | | |
| | 8 | 8 | 9 | 9 | 8 | 6 | 3 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 3 | 2 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 0 | 1 | 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 | |
| MICE FEMALE | 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 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | |
| AZT-M/3TC-M to 0 | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 3 | 8 | 9 | 4 | 8 | 9 | 2 | 2 | 0 | 5 | 5 |
| | 1 | 2 | 0 | 1 | 2 | 9 | 1 | 2 | 3 | 3 | 4 | 7 | 8 | 9 | 5 | 6 | 9 | 0 | 4 | 9 | 0 | 4 | 5 | 7 | 8 | 9 |
| Bone Marrow | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | + | | | | | | | + | | | | + | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |

**females
(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
 Page 78

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 6 | 7 | 7 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 4 | 3 | |
| | 8 | 8 | 9 | 9 | 8 | 6 | 3 | 0 | 0 | 0 | 2 | 2 | 2 | 3 | 2 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 0 | 1 | 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 | |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| ANIMAL ID | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | |
| AZT-M/3TC-M to 0 | 3 | 3 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 3 | 3 | 8 | 9 | 4 | 8 | 9 | 2 | 2 | 0 | 5 | |
| | 1 | 2 | 0 | 1 | 2 | 9 | 1 | 2 | 3 | 4 | 7 | 8 | 9 | 5 | 6 | 9 | 0 | 4 | 9 | 0 | 4 | 5 | 7 | 8 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

females
(cont...)

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland
Galactocoele
Alveolus, Hyperplasia | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur
Fibro-Osseous Lesion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

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

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 6 | 7 | 7 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 4 | 3 |
| | 8 | 8 | 9 | 9 | 8 | 6 | 3 | 0 | 0 | 0 | 2 | 2 | 2 | 3 | 2 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 0 | 1 | 9 |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 |
| AZT-M/3TC-M to 0 | 3 | 3 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 3 | 3 | 8 | 9 | 4 | 8 | 9 | 2 | 0 | 5 | 5 |
| ANIMAL ID | 1 | 2 | 0 | 1 | 2 | 9 | 1 | 2 | 3 | 4 | 7 | 8 | 9 | 5 | 6 | 9 | 0 | 4 | 9 | 0 | 4 | 5 | 7 | 8 | 9 |

females (cont...)

Peripheral Nerve

Spinal Cord

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | 1 | 2 | 1 | | 1 | | 1 | | 1 | | | 1 | 1 | | |
| Inflammation, Chronic Active | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion 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 80

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 6 | 7 | 7 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 4 | 3 | |
| | 8 | 8 | 9 | 9 | 8 | 6 | 3 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 3 | 2 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 0 | 1 | 9 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | |
| ANIMAL ID | 3 | 3 | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 3 | 3 | 8 | 9 | 4 | 8 | 9 | 2 | 2 | 0 | 5 | 5 | | |
| AZT-M/3TC-M to 0 | 1 | 2 | 0 | 1 | 2 | 9 | 1 | 2 | 3 | 4 | 7 | 8 | 9 | 5 | 6 | 9 | 0 | 4 | 9 | 0 | 4 | 5 | 7 | 8 | 9 | | |

females
(cont...)

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Kidney | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | | | 1 | | | 1 | | | | | | | 1 | 1 | | | 1 | | | | | | | 2 | |
| Metaplasia, Osseous | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | 1 | 1 | | | 1 | | 1 | 1 | 1 | 1 | 1 | | | | | | 2 | 1 | 1 | | | 1 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | M | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | | | | | 1 | | 1 | | | | 2 | 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 81

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | | |
|-----------------------------------|-----------|-----------------|
| 0 | | |
| 7 | | |
| 3 | | |
| 8 | | |
| | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 |
| MICE FEMALE | | 1 |
| | | 2 |
| | ANIMAL ID | 6 |
| AZT-M/3TC-M to 0 | | 0 |
| | | * TOTALS |

ALIMENTARY SYSTEM

| | | | |
|---|---|----|-------|
| Esophagus | + | 50 | |
| Gallbladder | + | 48 | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | 49 | 2 2.0 |
| Intestine Large, Colon | + | 50 | |
| Intestine Large, Rectum | + | 50 | |
| Intestine Small, Duodenum | + | 49 | |
| Intestine Small, Ileum | + | 50 | |
| Intestine Small, Jejunum | + | 48 | |
| Liver | + | 50 | |
| Angiectasis | | | 1 2.0 |
| Basophilic Focus | | | 3 |
| Basophilic Focus, Multiple | | | 1 |
| Clear Cell Focus | | | 2 |
| Congestion | | | 1 2.0 |
| Eosinophilic Focus | | | 1 |
| Hematocyst | | | 1 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| DAY ON TEST | | | |
|-----------------------------------|-----------|---|-----------------|
| 0 | | | |
| 7 | | | |
| 3 | | | |
| 8 | | | |
| | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | |
| MICE FEMALE | | 1 | |
| | | 2 | |
| | ANIMAL ID | 6 | |
| AZT-M/3TC-M to 0 | | 0 | |
| | | | * TOTALS |
| | | | |
| Hematopoietic Cell Proliferation | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | | | 17 1.3 |
| Inflammation, Chronic Active | | | 2 1.5 |
| Mixed Cell Focus | | | 2 |
| Necrosis | | | 1 4.0 |
| Tension Lipidosis | 2 | | 6 1.7 |
| Vacuolization Cytoplasmic | 3 | | 28 1.9 |
| | | | |
| Mesentery | | | 7 |
| Hematocyst | | | 1 |
| Hemorrhage | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | 1 3.0 |
| Fat, Necrosis | | | 6 3.7 |
| | | | |
| Pancreas | + | | 49 |
| Infiltration Cellular, Lymphocyte | | | 19 1.3 |
| Acinus, Degeneration | | | 1 1.0 |
| | | | |
| Salivary Glands | + | | 50 |
| Infiltration Cellular, Lymphocyte | 1 | | 46 1.6 |
| | | | |
| Stomach, Forestomach | + | | 50 |
| Keratin Cyst | | | 1 |
| | | | |
| Stomach, Glandular | + | | 48 |

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 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | | | |
|-----------------------------------|-----------|--|-----------------|
| 0 | | | |
| 7 | | | |
| 3 | | | |
| 8 | | | |
| | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | | |
| MICE FEMALE | | | |
| | ANIMAL ID | | |
| | | | |
| AZT-M/3TC-M to 0 | | | * TOTALS |
| Blood Vessel | + | | 49 |
| | | | |
| Heart | + | | 50 |
| Cardiomyopathy | | | 1 2.0 |
| Mineralization | | | 1 2.0 |

ENDOCRINE SYSTEM

| | | | | |
|-----------------------------------|---|--|-----------|---------------|
| Adrenal Cortex | + | | 50 | |
| Accessory Adrenal Cortical Nodule | | | | 1 |
| Vacuolization Cytoplasmic | | | | 3 2.3 |
| Subcapsular, Hyperplasia | 1 | | | 49 1.7 |
| | | | | |
| Adrenal Medulla | + | | 47 | |
| | | | | |
| Islets, Pancreatic | + | | 49 | |
| Hyperplasia | | | | 3 1.0 |
| | | | | |
| Parathyroid Gland | + | | 40 | |
| | | | | |
| Pituitary Gland | + | | 49 | |
| Pars Distalis, Angiectasis | | | | 1 1.0 |
| Pars Distalis, Cyst | | | | 2 3.0 |
| Pars Distalis, Hyperplasia | 2 | | | 11 2.3 |
| | | | | |
| Thyroid Gland | + | | 50 | |
| Cyst | | | | 1 2.0 |
| Ectopic Thymus | | | | 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 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | | | |
|-----------------------------------|-----------|---|-----------------|
| 0 | | | |
| 7 | | | |
| 3 | | | |
| 8 | | | |
| | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | |
| MICE FEMALE | | 1 | |
| | | 2 | |
| | ANIMAL ID | 6 | |
| AZT-M/3TC-M to 0 | | 0 | |
| | | | * TOTALS |
| Follicle, Degeneration | | | 4 1.3 |
| Follicular Cell, Hyperplasia | | | 2 2.5 |
| Follicular Cell, Hypertrophy | | | 1 2.0 |

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

| | | | | |
|----------------------------------|---|--|-----------|---------------|
| Clitoral Gland | + | | 49 | |
| Degeneration | | | | 45 3.8 |
| Ovary | + | | 50 | |
| Atrophy | 3 | | | 42 3.1 |
| Cyst | | | | 17 3.3 |
| Hematocyst | | | | 1 |
| Bilateral, Cyst | | | | 2 2.0 |
| Uterus | + | | 50 | |
| Angiectasis | | | | 1 2.0 |
| Hydrometra | | | | 1 4.0 |
| Endometrium, Hyperplasia, Cystic | 3 | | | 49 2.8 |

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

Page 85

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | | | | |
|--|-----------|---|--|-----------------|
| | | 0 | | |
| | | 7 | | |
| | | 3 | | |
| | | 8 | | |
| | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | | |
| MICE FEMALE | | 1 | | |
| | | 2 | | |
| | ANIMAL ID | 6 | | |
| AZT-M/3TC-M to 0 | | 0 | | |
| | | | | * TOTALS |
| Bone Marrow | + | | | 50 |
| Hyperplasia | | | | 3 2.7 |
| | | | | |
| Lymph Node | | | | 10 |
| Cyst | | | | 1 4.0 |
| Hemorrhage | | | | 1 4.0 |
| Lumbar, Fibrosis | | | | 1 2.0 |
| Lumbar, Hyperplasia, Lymphoid | | | | 1 2.0 |
| Pancreatic, Hyperplasia, Lymphoid | | | | 1 2.0 |
| | | | | |
| Lymph Node, Mandibular | + | | | 49 |
| Hyperplasia, Lymphoid | | | | 16 1.9 |
| Infiltration Cellular, Polymorphonuclear | | | | 1 2.0 |
| | | | | |
| Lymph Node, Mesenteric | + | | | 48 |
| Hyperplasia, Lymphoid | | | | 23 2.1 |
| Infiltration Cellular, Histiocyte | | | | 1 4.0 |
| Infiltration Cellular, Plasma Cell | | | | 2 2.5 |
| Infiltration Cellular, Polymorphonuclear | | | | 2 1.5 |
| | | | | |
| Spleen | + | | | 50 |
| Hematopoietic Cell Proliferation | | | | 17 2.9 |
| Hyperplasia, Lymphoid | | | | 32 2.9 |
| | | | | |
| Thymus | + | | | 47 |
| Atrophy | | | | 13 2.9 |
| Hyperplasia, Lymphoid | 2 | | | 9 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

Page 86

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | | | |
|-----------------------------------|-----------|---|-----------------|
| 0 | | | |
| 7 | | | |
| 3 | | | |
| 8 | | | |
| | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | |
| MICE FEMALE | | 1 | |
| | | 2 | |
| | ANIMAL ID | 6 | |
| AZT-M/3TC-M to 0 | | 0 | |
| | | | * TOTALS |

INTEGUMENTARY SYSTEM

| | | | | |
|-----------------------|---|--|----|-------|
| Mammary Gland | + | | 50 | |
| Galactocele | | | | 1 3.0 |
| Alveolus, Hyperplasia | | | | 1 3.0 |
| | | | | |
| Skin | + | | 50 | |

MUSCULOSKELETAL SYSTEM

| | | | | |
|----------------------|---|--|----|-------|
| Bone, Femur | + | | 51 | |
| Fibro-Osseous Lesion | | | | 1 2.0 |
| | | | | |
| Skeletal Muscle | | | 1 | |

NERVOUS SYSTEM

| | | | | |
|-------------------|---|--|----|--------|
| Brain, Brain Stem | + | | 49 | |
| Compression | | | | 2 2.0 |
| | | | | |
| Brain, Cerebellum | + | | 49 | |
| | | | | |
| Brain, Cerebrum | + | | 49 | |
| Mineralization | 1 | | | 25 1.1 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | 0 | 7 | 3 | 8 |
|-----------------------------------|---|---|---|-----------------|
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 1 | 2 | 6 |
| MICE FEMALE | 0 | 1 | 2 | 6 |
| AZT-M/3TC-M to 0 | 0 | 1 | 2 | 6 |
| ANIMAL ID | 0 | 1 | 2 | 6 |
| | | | | * TOTALS |

Peripheral Nerve

1

Spinal Cord

1

RESPIRATORY SYSTEM

| | | | |
|-----------------------------------|---|----|--------|
| Lung | + | 50 | |
| Congestion | | | 1 2.0 |
| Hemorrhage | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | 16 1.4 |
| Inflammation, Chronic Active | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | 2 1.5 |
| Nose | + | 51 | |
| Trachea | + | 50 | |

SPECIAL SENSES SYSTEM

| | | | |
|-----------------------------------|---|----|-------|
| Eye | + | 49 | |
| Cataract | | | 1 1.0 |
| Harderian Gland | + | 50 | |
| Cyst | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | 4 1.3 |
| Acinus, Degeneration | | | 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 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | | |
|-----------------------------------|--|-----------------|
| 0 | | |
| 7 | | |
| 3 | | |
| 8 | | |
| | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 |
| MICE FEMALE | | 1 |
| | | 2 |
| ANIMAL ID | | 6 |
| AZT-M/3TC-M to 0 | | 0 |
| | | * TOTALS |

URINARY SYSTEM

| | | |
|-----------------------------------|---|--------|
| | | |
| Kidney | + | 50 |
| Hyaline Droplet | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | | 17 1.1 |
| Metaplasia, Osseous | | 2 1.5 |
| Nephropathy | | 23 1.1 |
| | | |
| Urinary Bladder | + | 49 |
| Infiltration Cellular, Lymphocyte | 1 | 26 1.1 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 89

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

females (cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder Infiltration Cellular, Lymphocyte | + | A | + | A | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum Hyperplasia, Lymphoid | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Intestine Large, Colon | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum Hyperplasia, Lymphoid | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | A | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum Hyperplasia, Lymphoid | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Intestine Small, Jejunum | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver Basophilic Focus | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|--|---|--|---|--|---|--|---|---|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|
| Mixed Cell Focus | | | | | | | | | | | | | | | X | | | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Necrosis | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | 2 | | 2 | | | | 1 | | 1 | | 1 | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | 2 | | | | | | | | | | | | | | 2 | | 4 | | 2 | | 2 | | 1 | | 2 | | 1 | | 1 | | 2 | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | + | | + | | | | + | | + | | + | | + | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | 4 | | | | 4 | | 4 | | | | 4 | | | | | | | | | | | | | | | | | |
| Pancreas | + A + A + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | 1 | | | | 1 | | 1 | | 1 | | 1 | | 1 | | | | | | | | | | | | | | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + A + A + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | 1 | | 1 | | 1 | | 2 | | 2 | | 2 | | 2 | | 3 | | 1 | | 2 | | 1 | | 1 | | 2 | | 1 | |
| Stomach, Forestomach | + A + A + | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + A + A + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | 3 | | | | 2 | | 3 | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Blood Vessel | + + + M + M | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

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

females
(cont...)

Necrosis

1

ENDOCRINE SYSTEM

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

GENERAL BODY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 92

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 6 | 4 | 4 | 9 | 0 | 4 | 5 | 7 | 8 | 8 | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 1 | 4 | 5 | 7 | 8 | 4 | 4 | 7 | 3 | 5 | 2 | 9 | 7 | 7 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 1 | 4 |
| C57BL/6N XC3H/HEN MTV-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 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| AZT-L/3TC-L to 0 | 2 | 6 | 6 | 0 | 3 | 6 | 8 | 1 | 2 | 2 | 8 | 9 | 0 | 2 | 4 | 4 | 4 | 5 | 0 | 0 | 5 | 5 | 9 | 2 |
| | 8 | 2 | 3 | 5 | 2 | 8 | 0 | 4 | 2 | 8 | 5 | 8 | 9 | 8 | 7 | 8 | 9 | 0 | 4 | 5 | 4 | 5 | 6 | 8 |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | |

females
(cont...)

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland Atrophy Degeneration | + | M | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | |
| | 4 | | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | | | |
| Ovary Atrophy Cyst Hematocyst Bilateral, Cyst Fat, Necrosis | + | A | + | A | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | 4 | 3 | | | | | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | | 3 | 3 | 3 | 3 |
| | | | | | | | 4 | | 2 | | | | 2 | 4 | | | | | 4 | | | | | | |
| | | | | | | | | X | | | | | | | | | | | | | X | | | | |
| Uterus Angiectasis Hydrometra Endometrium, Hyperplasia, Cystic | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| | | | | | 2 | 2 | 2 | 2 | | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 4 | 3 | | 2 | 2 | 2 | 3 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow Hyperplasia | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| Lymph Node Lumbar, Hyperplasia, Lymphoid | + | A | + | | | | | + | + | + | + | | | | | | | | | | | | | + |
| | | | | | | | | | | | 1 | | 2 | | | | | | | | | | | |

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

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

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

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

females (cont...)

| | | |
|------------------------------------|---|---|
| Mediastinal, Hyperplasia, Lymphoid | 1 | 2 |
| Renal, Hyperplasia, Lymphoid | 2 | 2 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Lymph Node, Mandibular
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma Cell | + | A | + | A | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Lymph Node, Mesenteric
Angiectasis
Hyperplasia, Lymphoid
Infiltration Cellular, Histiocyte
Infiltration Cellular, Plasma Cell | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Thymus
Atrophy
Hyperplasia, Lymphoid | + | A | + | A | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | M | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin | + | A | + | 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 94

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

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

females
(cont...)

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur
Fibro-Osseous Lesion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skeletal Muscle | + | | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum
Mineralization | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 | 1 | 1 | 1 | 1 |
| Peripheral Nerve | + | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | + | | | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung
Crystals | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | 2 | 2 | 4 | 4 | | | | | | | | | | | | |

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

| | 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 | 3 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 6 | 4 | 4 | 9 | 0 | 4 | 5 | 7 | 8 | 8 | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 1 | 4 | 5 | 7 | 8 | 4 | 4 | 7 | 3 | 5 | 2 | 9 | 7 | 7 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 4 | |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | |
| AZT-L/3TC-L to 0 | 2 | 6 | 6 | 0 | 3 | 6 | 8 | 1 | 2 | 2 | 8 | 9 | 0 | 2 | 4 | 4 | 4 | 5 | 0 | 5 | 5 | 5 | 9 | |
| | 8 | 2 | 3 | 5 | 2 | 8 | 0 | 4 | 2 | 8 | 5 | 8 | 9 | 8 | 7 | 8 | 9 | 0 | 4 | 5 | 4 | 5 | 6 | females (cont...) |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Alveolar Epithelium, Hyperplasia | 2 | | | | | | | | 2 | | | | 2 | | 1 | 1 | | | | | | 1 | 1 | |
| Nose | I | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Trachea | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Eye | A | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cataract Bilateral, Cataract Cornea, Inflammation, Chronic Active | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | A | + | A | + | + | + | + | + | + | + | + | + | 2 | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte Inflammation, Chronic Active | | | | | 4 | | | | | 1 | | | 2 | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Kidney | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyaline Droplet | | | 4 | | | | | 3 | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | 1 | | 1 | | | | 2 | | | 1 | | | 1 | 1 | | 1 | | 1 | | | | |
| Metaplasia, Osseous | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | | | 1 | | 2 | 3 | | | 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 96

TDMS No. 20311 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
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 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 6 | 4 | 4 | 9 | 0 | 4 | 5 | 7 | 8 | 8 | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 1 | 4 | 5 | 7 | 8 | 4 | 4 | 7 | 3 | 5 | 2 | 9 | 7 | 7 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 1 | 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 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 |
| AZT-L/3TC-L to 0 | | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| ANIMAL ID | | 2 | 6 | 6 | 0 | 3 | 6 | 8 | 1 | 2 | 2 | 8 | 9 | 0 | 2 | 4 | 4 | 4 | 5 | 0 | 0 | 5 | 5 | 9 | 2 | |
| | | 8 | 2 | 3 | 5 | 2 | 8 | 0 | 4 | 2 | 8 | 5 | 8 | 9 | 8 | 7 | 8 | 9 | 0 | 4 | 5 | 4 | 5 | 6 | 8 | 2 |
| Urinary Bladder | | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte
Lumen, Dilatation | | | | 1 | | | 1 | 1 | | | | | | | 1 | 1 | 1 | 1 | 1 | | | | | 1 | 1 | |
| | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |

**females
(cont...)**

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| 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 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 4 | 3 | 6 | 6 | 8 | 8 | 8 | 0 | 8 | 0 | 0 | 2 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 5 | 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 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 1 | 1 | 1 |
| AZT-L/3TC-L to 0 | 2 | 6 | 7 | 7 | 3 | 3 | 3 | 7 | 7 | 2 | 2 | 8 | 8 | 8 | 3 | 3 | 4 | 9 | 2 | 2 | 2 | 2 | 2 |
| | 3 | 6 | 7 | 8 | 3 | 4 | 5 | 4 | 5 | 3 | 4 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 1 | 6 | 7 | 8 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 2 | | | | | | | 1 2.0 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Eosinophilic Focus | | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Lymphocyte | | | | 1 | | 1 | | | | | | | | | 1 | | | | | | 1 | | 10 1.1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | 1 | | | | | | | | | 2 1.0 |

* .. 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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 4 | 3 | 6 | 6 | 8 | 8 | 8 | 0 | 8 | 0 | 0 | 2 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 5 | 7 | 7 | 7 |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 |
| | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 1 | 1 | 1 |
| | 2 | 6 | 7 | 7 | 3 | 3 | 3 | 7 | 7 | 2 | 2 | 8 | 8 | 8 | 8 | 3 | 3 | 4 | 9 | 2 | 2 | 2 | |
| AZT-L/3TC-L to 0 | 3 | 6 | 7 | 8 | 3 | 4 | 5 | 4 | 5 | 3 | 4 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 1 | 6 | 7 | 8 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|--------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Cyst | | | | | | | | | | | | 1 | | | | | | | | | | | | | 2 1.5 |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | 4 | | | | | | 1 4.0 |
| Subcapsular, Hyperplasia | 2 | 3 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 2 | 47 | 1.7 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Hyperplasia | | | | | | | | | | | | 3 | | | | | | | | | | | 1 | | 4 1.5 |
| Parathyroid Gland | + | + | + | M | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | 36 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Pars Distalis, Cyst | | | | | | | | 1 | | | | | | | | | | | | | | | | | 2 1.5 |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | 2 | 3 | | | | | 2 | | | 2 | | 6 2.3 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Follicle, Degeneration | | | | | | | 1 | | | | | | | | | | | | | 1 | | | 2 | | 6 1.5 |

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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 4 | 3 | 6 | 6 | 8 | 8 | 8 | 0 | 8 | 0 | 0 | 2 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 5 | 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 |
| MICE FEMALE | 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 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 1 | 1 |
| AZT-L/3TC-L to 0 | 2 | 6 | 7 | 7 | 3 | 3 | 3 | 7 | 7 | 2 | 2 | 8 | 8 | 8 | 8 | 3 | 3 | 3 | 4 | 9 | 2 | 2 | 2 |
| | 3 | 6 | 7 | 8 | 3 | 4 | 5 | 4 | 5 | 3 | 4 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 1 | 6 | 7 | 8 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | |

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 |
| Atrophy | | | | 2 | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Degeneration | 3 | 4 | 4 | | 4 | 3 | 4 | 2 | 3 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | | 2 | 3 | 4 | 3 | 3 | 41 3.7 |
| Ovary | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 43 |
| Atrophy | 3 | 3 | 3 | | 4 | | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | | 4 | 3 | 3 | 3 | 3 | 36 3.3 |
| Cyst | | 3 | | | | | | | | | | 3 | 2 | 4 | | | 2 | 4 | | 3 | 2 | | 13 3.0 |
| Hematocyst | | | | | | | | | | | | | | X | | | | | | | | | 3 |
| Bilateral, Cyst | | | | | | | | | | | 3 | | | | | | | | | | | | 3 2.3 |
| Fat, Necrosis | | | | | | | | 4 | | | | | | | | | | | | | | | 1 4.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hydrometra | | | | | | | | | | 4 | | | | | | | | | | | | | 1 4.0 |
| Endometrium, Hyperplasia, Cystic | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | | 3 | 2 | 2 | 2 | 2 | 2 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 41 2.6 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | + | + | 9 |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 2 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| | 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 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 3 | 6 | 6 | 8 | 8 | 8 | 0 | 8 | 0 | 0 | 2 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 5 | 7 | 7 | | | | | | | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 1 | | | | | | | | | | | | | | | | | | | | | |
| | 2 | 6 | 7 | 7 | 3 | 3 | 3 | 7 | 7 | 2 | 2 | 8 | 8 | 8 | 8 | 3 | 3 | 4 | 9 | 2 | 2 | 2 | | | | | | | | | | | | | | | | | | | | | |
| AZT-L/3TC-L to 0 | 3 | 6 | 7 | 8 | 3 | 4 | 5 | 4 | 5 | 3 | 4 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 1 | 6 | 7 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 | | | | | | | | | | | | | | | | | | | | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | 2 | 3 | | | | 2 | | | | 1 | 1 | | | | 1 | 1 | 15 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | 2.0 |
| Lymph Node, Mesenteric | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | 1 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 3 | 3 | 2 | 2 | | 2 | | | 2 | 2 | 2 | 2 | 2 | | 2 | | 1 | 20 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3.3 |
| Spleen | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | 2 | | | | | | | | | | 10 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 2 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | | | 2 | | 2 | 4 | 4 | 4 | 3 | | 3 | 2 | 31 |
| Thymus | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | M | + | + | 43 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 | 2 | | | 4 | | | | | | | | 3 | 2 | 3 | | | | | 15 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | 2 | | 2 | | 2 | | | | | | | | | 1 | 7 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Skin | | | | | | | | | | | | | | | | | | | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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 102

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 4 | 3 | 6 | 6 | 8 | 8 | 8 | 0 | 8 | 0 | 0 | 2 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 5 | 7 | 7 | |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 1 | 1 | 1 |
| | 2 | 6 | 7 | 7 | 3 | 3 | 3 | 7 | 7 | 2 | 2 | 8 | 8 | 8 | 8 | 3 | 3 | 4 | 9 | 2 | 2 | 2 | |
| AZT-L/3TC-L to 0 | 3 | 6 | 7 | 8 | 3 | 4 | 5 | 4 | 5 | 3 | 4 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 1 | 6 | 7 | 8 |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Fibro-Osseous Lesion | | | | | | | 4 | | | | | | | | | | | | | | | | 1 4.0 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | 1 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|----|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Mineralization | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 28 1.0 | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | 1 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Crystals | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | 3 2.7 |

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

Page 103

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 4 | 3 | 6 | 6 | 8 | 8 | 8 | 0 | 8 | 0 | 0 | 2 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 5 | 7 | 7 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 |
| | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 1 | 1 |
| | 2 | 6 | 7 | 7 | 3 | 3 | 3 | 7 | 7 | 2 | 2 | 8 | 8 | 8 | 8 | 3 | 3 | 3 | 4 | 9 | 2 | 2 | 2 |
| AZT-L/3TC-L to 0 | 3 | 6 | 7 | 8 | 3 | 4 | 5 | 4 | 5 | 3 | 4 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 1 | 6 | 7 | 8 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active
Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | 14 1.3
1 2.0
1 2.0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | 46 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + + + + + + + + + + + + + + + M + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | 46 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | | | | | | | | | | | | | | | | | | | | 45 | | |
| Cataract | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Bilateral, Cataract | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | 46 | | |
| Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | 2 1.5
1 4.0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | | | | | | | | | | | | | | | | | | | | 46 | | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | 2 3.5 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | 13 1.2 | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | |
| Nephropathy | 1 1 1 1 1 1 1 2 1 1 1 1 2 1 1 | | | | | | | | | | | | | | | | | | | | 26 1.2 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 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 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | 4 | 3 | 6 | 6 | 8 | 8 | 8 | 0 | 8 | 0 | 0 | 2 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 5 | 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 | | |
| MICE FEMALE | 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 | |
| ANIMAL ID | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 1 | 1 | 1 | 1 | |
| AZT-L/3TC-L to 0 | 2 | 6 | 7 | 7 | 3 | 3 | 3 | 7 | 7 | 2 | 2 | 8 | 8 | 8 | 8 | 3 | 3 | 3 | 4 | 9 | 2 | 2 | 2 | 2 | | |
| | 3 | 6 | 7 | 8 | 3 | 4 | 5 | 4 | 5 | 3 | 4 | 0 | 1 | 2 | 3 | 7 | 8 | 9 | 0 | 1 | 6 | 7 | 8 | | * TOTALS | |
| Urinary Bladder | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Infiltration Cellular, Lymphocyte | 1 | | 2 | | 1 | | 1 | | 1 | 2 | | 1 | 1 | | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 24 1.1 | |
| 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
 Page 105

TDMS No. 20311 - 02

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: 16:30:20

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

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 |
|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE | ANIMAL ID | 3 | 4 | 4 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 9 | 1 | 3 | 8 | 4 | 5 | 9 | 9 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| | | 3 | 2 | 3 | 6 | 4 | 4 | 4 | 4 | 6 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 8 | 7 | 0 | 0 | 0 | 0 |
| | | 5 | 7 | 1 | 9 | 4 | 4 | 6 | 7 | 1 | 9 | 6 | 7 | 8 | 9 | 3 | 4 | 7 | 8 | 9 | 5 | 6 | 7 | 8 | | | |
| AZTH/3TCH/NVPH/0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 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 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | |
| | | 3 | 3 | 4 | 9 | 6 | 7 | 4 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | 5 | 5 | 2 | 7 | 7 | 3 | 3 | 3 | 3 | |
| | | 5 | 7 | 1 | 9 | 4 | 4 | 6 | 7 | 1 | 9 | 6 | 7 | 8 | 9 | 3 | 4 | 7 | 8 | 9 | 5 | 6 | 7 | 8 | | | |

females
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | A | A | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | A | A | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | A | A | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | A | A | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | A | A | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | A | A | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | | | | | X | | | | | | | | | | | | | | X | | | | | | |
| Deformity | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | 1 | 1 | | | 1 | 1 | | | 1 | | | | | 1 | | | 2 | | | | 2 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | X | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| Tension Lipidosis | | | | | | | | | | | 1 | | | | | | | | | | 2 | | | 1 | | |

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

TDMS No. 20311 - 02

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: 16:30:20

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

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 |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C57BL/6N XC3H/HEN MTV-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 |
| ANIMAL ID | | 3 | 3 | 4 | 9 | 6 | 7 | 4 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | 5 | 5 | 2 | 7 | 7 | 3 | 3 | 3 | 3 |
| AZTH/3TCH/NVPH/0 | | 5 | 7 | 1 | 9 | 4 | 4 | 6 | 7 | 1 | 9 | 6 | 7 | 8 | 9 | 3 | 4 | 7 | 8 | 9 | 5 | 6 | 7 | 8 | | |
| Adrenal Cortex | | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | X | | | | | | | | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | | 2 | | 2 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 3 | 1 | 2 | 1 | 2 | 2 | | 2 | 2 | 1 | 2 | 2 | 2 | 2 | |
| Adrenal Medulla | | + | A | M | + | + | + | + | + | + | + | A | M | + | + | + | + | + | + | M | + | + | + | + | + | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | | 4 | | | | | 1 | | | | | | 3 | | | | 1 | | | |
| Parathyroid Gland | | M | A | M | + | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | | + | A | + | + | + | + | + | + | + | + | A | M | M | M | + | + | + | + | + | + | + | + | + | + | |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | 2 | | | | | 3 | | | | | | | | | | | | | | | 1 | 2 |
| Thyroid Gland | | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cyst | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Degeneration | | | | | | | | | | | | | | | 3 | | | | | | | | 2 | | 3 | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |

females (cont...)

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
Page 108

TDMS No. 20311 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|---|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 4 | 4 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 9 | 1 | 3 | 8 | 4 | 5 | 9 | 9 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| | 3 | 2 | 3 | 6 | 4 | 4 | 4 | 4 | 6 | 7 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 4 | 8 | 7 | 0 | 0 | 0 |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 7 | 7 | 8 | 8 | 8 | |
| | 3 | 3 | 4 | 9 | 6 | 7 | 4 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | 5 | 5 | 2 | 7 | 7 | 3 | 3 | |
| AZTH/3TCH/NVPH/O | 5 | 7 | 1 | 9 | 4 | 4 | 6 | 7 | 1 | 9 | 6 | 7 | 8 | 9 | 3 | 4 | 7 | 8 | 9 | 5 | 6 | 7 | 8 | |
| | | | | | | | | | | | | | | | | | | | | | | | females (cont...) | |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland Degeneration | M | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 4 |
| Ovary Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | |
| Ovary Cyst | | | | 3 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | |
| Ovary Infiltration Cellular, Lymphocyte | | | 4 | | | | 4 | | | | 2 | 2 | 3 | | | | | 2 | | | 2 | 2 | | |
| Ovary Bilateral, Cyst | | | | | 3 | | | | | | | | | | 3 | 3 | | | | 3 | 3 | | 4 | |
| Ovary Parenchymal Cell, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus Hydrometra | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Uterus Endometrium, Hyperplasia, Cystic | | | | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 4 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow Hyperplasia | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 2 | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node Hemorrhage | | + | | | | | + | | | | | | | | | | | | | | | + | 3 |
| Lymph Node Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node Sinus, Dilatation | | | | | | | | | | | | | | | | | | | | | | | 2 |

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

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

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

Page 109

| 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 | 4 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 9 | 1 | 3 | 8 | 4 | 5 | 9 | 9 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| | 3 | 2 | 3 | 6 | 4 | 4 | 4 | 4 | 6 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 4 | 8 | 7 | 0 | 0 | 0 | 0 |
| C57BL/6N XC3H/HEN MTV-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 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 |
| AZTH/3TCH/NVPH/0 | 3 | 3 | 4 | 9 | 6 | 7 | 4 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | 5 | 5 | 2 | 7 | 7 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID | 5 | 7 | 1 | 9 | 4 | 4 | 6 | 7 | 1 | 9 | 6 | 7 | 8 | 9 | 3 | 4 | 7 | 8 | 9 | 5 | 6 | 7 | 8 | | | |

females (cont...)

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 2 | | | | | | | | 1 | | 2 | 1 | | | 1 | 1 | 3 | 2 | | 1 | 2 | 3 | | | 3 | |
| | | | | | | 2 | | | | | | | | | | | | | | | 2 | | | | |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 2 | | | | | | | | 3 | | 1 | | 1 | | | | 2 | | | 2 | | 3 | | | 2 | |
| | | | | | | | | | | | | | | | | | | | | | 2 | | | | |

Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 4 | | | | | | 3 | | | | | 2 | 3 | | | | 4 | | | | | | 4 | | 4 | |
| | | | 2 | 2 | | | | 2 | | 4 | 3 | 3 | 3 | 2 | 4 | 4 | | | 2 | 4 | 4 | 4 | | 2 | 3 |

Thymus
Angiectasis
Atrophy
Hyperplasia, Lymphoid

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | A | M | + | M | M | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | M | M |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 2 | | 2 | 2 | | | | | | | | | | | | |
| | | | | | | | 2 | | | | | | | | | 2 | | | | | | | | | |

INTEGUMENTARY SYSTEM

Mammary Gland
Metaplasia, Squamous
Alveolus, Hyperplasia

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

Skin
Fibrosis
Inflammation, Chronic Active
Ulcer

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
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 - 02

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: 16:30:20

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

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 | 3 | 4 | 4 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 9 | 1 | 3 | 8 | 4 | 5 | 9 | 9 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | |
| | 3 | 2 | 3 | 6 | 4 | 4 | 4 | 4 | 6 | 7 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 4 | 8 | 7 | 0 | 0 | 0 | 0 | 0 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 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 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 |
| AZTH/3TCH/NVPH/0 | 3 | 3 | 4 | 9 | 6 | 7 | 4 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | 5 | 5 | 2 | 7 | 7 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 5 | 7 | 1 | 9 | 4 | 4 | 6 | 7 | 1 | 9 | 6 | 7 | 8 | 9 | 3 | 4 | 7 | 8 | 4 | 8 | 9 | 5 | 6 | 7 | 8 | 8 | |
| ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | females | (cont...) | |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem
Compression | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | 2 | | | | | | | | | | | | | | | | | 3 | | | | | | |
| Brain, Cerebellum | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum
Mineralization | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | 1 | | | | | | | | 1 | 1 | 1 | 1 | | | | 1 | 1 | | | | | | |
| Peripheral Nerve
Axon, Degeneration | | | | | | | + | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord
Axon, Degeneration | | | | | | | + | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

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

| 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 | 4 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 9 | 1 | 3 | 8 | 4 | 5 | 9 | 9 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| | 3 | 2 | 3 | 6 | 4 | 4 | 4 | 4 | 6 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 4 | 8 | 7 | 0 | 0 | 0 | 0 | |
| C57BL/6N XC3H/HEN MTV-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 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | |
| AZTH/3TCH/NVPH/0 | 3 | 3 | 4 | 9 | 6 | 7 | 4 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 3 | 5 | 5 | 2 | 7 | 7 | 3 | 3 | 3 | 3 | 3 | |
| | 5 | 7 | 1 | 9 | 4 | 4 | 6 | 7 | 1 | 9 | 6 | 7 | 8 | 9 | 3 | 4 | 7 | 8 | 4 | 8 | 9 | 5 | 6 | 7 | 8 | | |
| Lung | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Autolysis | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | |
| Crystals | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | 1 | | | | | 1 | | 2 | 2 | | | | 2 | 1 | | | 2 | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Trachea | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

females (cont...)

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | A | A | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | A | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | 1 | | | | | | | | 1 | | 1 | 2 | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Infiltration Cellular, Lymphocyte | | | | 1 | | 2 | 1 | | | 1 | | | | | | | 1 | | | | | | | | | |

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|--|
| | 0
3
9
3 | 0
4
1
2 | 0
4
3
3 | 0
5
8
6 | 0
6
4
4 | 0
6
5
4 | 0
6
9
4 | 0
6
9
4 | 0
7
1
6 | 0
7
2
7 | 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
3 | 0
7
3
3 | 0
7
4
8 | 0
7
4
7 | 0
7
4
0 | 0
7
4
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 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 | | |
| AZTH/3TCH/NVPH/0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 2 | 7 | 7 | 3 | 8 | |
| ANIMAL ID | 3 | 3 | 4 | 9 | 6 | 7 | 4 | 4 | 1 | 1 | 0 | 0 | 0 | 3 | 3 | 5 | 5 | 2 | 7 | 7 | 3 | 3 | 3 | 3 | | |
| | 5 | 7 | 1 | 9 | 4 | 4 | 6 | 7 | 1 | 9 | 6 | 7 | 8 | 9 | 3 | 4 | 7 | 8 | 4 | 8 | 9 | 5 | 6 | 7 | 8 | |
| Nephropathy | | | | | | | 1 | 1 | | | 1 | 2 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | 2 | 1 | 1 | 1 | |
| Urinary Bladder | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | + | + | A | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | 1 | 1 | 1 | | | | 1 | | 1 | 1 | 2 | | | 1 | | | | | 1 | 1 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 113

TDMS No. 20311 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ANIMAL ID | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AZTH/3TCH/NVPH/O | 4 | 5 | 6 | 7 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 5 | 9 | 1 | 2 | 3 | 4 | |
| C57BL/6N XC3H/HEN MTV-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 | |
| | 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 | 3 | 3 | |
| | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 1 | 1 | 9 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | 8 | 8 | 8 | 8 | 4 | 4 | 4 | 9 | 9 | 9 | 4 | 4 | 4 | 4 | 9 | 9 | 9 | 2 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | 4 | 5 | 6 | 7 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 5 | 9 | 1 | 2 | 3 | 4 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | 1 | 2 | | | | | | | 1 | 2 | * TOTALS | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|---|----------|---|---|----|---|
| Vacuolization Cytoplasmic | | | | | | | | | | | | | 1 | 2 | | | | | | | 1 | 2 | 10 1.6 | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | + | 3 | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | 4 | 3 4.0 | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Infiltration Cellular, Lymphocyte | | | | 1 | | | 1 | | | 2 | 2 | | | | | | | 2 | 1 | 1 | | | | | | 47 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | 14 1.4 | | | | | | |
| Acinus, Degeneration | | | | | 1 | | | | 1 | | | | | | 1 | | | | | | 1 1.0 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 3 1.0 | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 2 | 1 | 1 | 1 | 1 | | | 1 | | | 1 | 1 | 2 | 1 | | | 2 | 1 | | | 1 | 2 | 1 | 1 | 1 |
| | | | | | | | | | | | | | | | | | | | | | 46 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 38 1.3 | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Epithelium, Hyperplasia | | | 2 | | | | | | | | | | | | | | | | | | | | 2 | | | 47 | |
| | | | | | | | | | | | | | | | | | | | | | 4 2.0 | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| | | | | | | | | | | | | | | | | | | | | | 46 | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | 48 | | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | 49 | | | |
| | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | | |

ENDOCRINE SYSTEM

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

| | 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 | 3 | 3 | |
| | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 1 | 1 | 9 | 8 | |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | | |
| AZTH/3TCH/NVPH/0 | 8 | 8 | 8 | 8 | 4 | 4 | 4 | 9 | 9 | 9 | 9 | 4 | 4 | 4 | 4 | 9 | 9 | 9 | 2 | 6 | 6 | 6 | 6 | | |
| | 4 | 5 | 6 | 7 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 5 | 9 | 1 | 2 | 3 | 4 | * TOTALS |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hypertrophy | 3 | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Subcapsular, Hyperplasia | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 3 | 2 | | 2 | 2 | 1 | 2 | 2 | 46 1.9 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 44 | |
| Hyperplasia | | | | | | | | | 2 | | | | | | | | | | | | | | | 1 2.0 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 4 2.3 | |
| Parathyroid Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | A | + | + | 41 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | 2 | | | | | 1 2.0 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | 1 | | | | | 1 1.0 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | 42 | |
| Pars Distalis, Angiectasis | | | | | 2 | | | | | | | | | | | | | | | | | | 2 | 4 2.0 | |
| Pars Distalis, Cyst | 2 | | | | | | | | | | | | 1 | 2 | | | | | | | | | | 4 1.5 | |
| Pars Distalis, Hyperplasia | 2 | 2 | 2 | 2 | | | 2 | | | | | | 2 | 2 | | | | | 1 | 2 | | | | 13 1.9 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Follicle, Degeneration | | | | | 1 | | | | | | 1 | | | | 1 | | | | 2 | 2 | | | | 9 1.8 | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |

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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 |
| | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 1 | 1 | 9 | 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 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | |
| AZTH/3TCH/NVPH/0 | 4 | 5 | 6 | 7 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 5 | 9 | 1 | 2 | 3 | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Degeneration | | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 45 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Atrophy | | | 3 | | 4 | 3 | 4 | 4 | 3 | 4 | 3 | | 3 | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 40 |
| Cyst | 4 | | | | 2 | | 2 | 4 | | 3 | 4 | | | | | 4 | 4 | 4 | 2 | | 2 | 2 | | 21 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Bilateral, Cyst | | | | | | | | | | 3 | | 4 | | | | | | | | | | | | 8 |
| Parenchymal Cell, Degeneration | | | | 4 | | | | | | | | | | | | | | | | | | | | 1 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hydrometra | | | | | | | | | | | | | | | | | 4 | | | | | | | 1 |
| Endometrium, Hyperplasia, Cystic | 2 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 2 | 3 | 3 | 2 | 2 | 4 | 2 | | 3 | 4 | | 2 | 3 | 3 | 3 | 44 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Sinus, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | 1 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 |
| | | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 1 | 1 | 9 | 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 | |
|-----------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| MICE FEMALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | |
| AZTH/3TCH/NVPH/0 | | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 6 | 6 | 6 | 6 | |
| ANIMAL ID | | 4 | 5 | 6 | 7 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 5 | 9 | 1 | 2 | 3 | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|------------|----------|------------|----------|------------|
| Lymph Node, Mandibular
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma Cell
Pigmentation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | 18 | 1.8 | 1 | 2.0 | 1 | 2.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|------------|----------|------------|----------|------------|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|------------|----------|------------|----------|------------|
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | 18 | 2.0 | 2 | 2.0 | 2 | 2.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|------------|----------|------------|----------|------------|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|-----------|------------|----------|------------|
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 9 | 3.0 | 30 | 3.1 | 4 | 3.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|-----------|------------|----------|------------|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|----------|------------|-----------|------------|
| Thymus
Angiectasis
Atrophy
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 40 | 1 | 2.0 | 6 | 2.3 | 10 | 2.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|----------|------------|-----------|------------|

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|----------|------------|----------|------------|
| Mammary Gland
Metaplasia, Squamous
Alveolus, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | 1 | 2.0 | 2 | 2.0 | 2 | 2.0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|----------|------------|----------|------------|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|----------|------------|----------|------------|
| Skin
Fibrosis
Inflammation, Chronic Active
Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 1 | 2.0 | 1 | 2.0 | 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
 Page 118
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

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

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|-----|
| Brain, Brain Stem
Compression | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 | |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Brain, Cerebrum
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| | 1 | | 1 | 1 | | | 1 | 1 | | | | 1 | | | 1 | | | 1 | 1 | | 1 | 1 | | 1 | | 19 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1.0 | | |
| Peripheral Nerve
Axon, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1.0 |
| Spinal Cord
Axon, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1.0 |

RESPIRATORY 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 119

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | | |
| | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 1 | 1 | 9 | 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 FEMALE | 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 | | |
| ANIMAL ID | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | | | |
| AZTH/3TCH/NVPH/0 | 8 | 8 | 8 | 8 | 4 | 4 | 4 | 9 | 9 | 9 | 9 | 4 | 4 | 4 | 4 | 9 | 9 | 9 | 9 | 2 | 6 | 6 | 6 | 6 | | | |
| | 4 | 5 | 6 | 7 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 2 | 3 | 4 | 5 | 9 | 1 | 2 | 3 | 4 | * TOTALS | | |
| Nephropathy | 1 | 1 | 1 | 1 | | | | | 1 | 2 | 1 | | 1 | | 2 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 30 | 1.1 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Infiltration Cellular, Lymphocyte | | | 2 | | 2 | 1 | 1 | 1 | | 1 | 1 | | | 1 | | 1 | | 1 | | 1 | | | | | 21 | 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 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 9 | 9 | 9 | 6 | 7 | 7 | 8 | 0 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 2 | 5 | 8 | 9 | 4 | 5 | 3 | 6 | 6 | 3 | 8 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 7 |

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

| 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 |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 1 | 5 | 0 | 1 | 8 | 3 | 2 | 0 | 3 | 4 | 5 | 0 | 1 | 1 | 2 | 3 | 9 | 0 | 1 | 2 | 5 | 6 | 9 |

females
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 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 | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | X | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change | | | 4 | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | 1 | | | | 1 | 2 | | 1 | | 1 | | 1 | | 1 | | 1 | | | | | | | |
| Mixed Cell Focus | | | X | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | 2 | | | | | | | | | | | | | | | | | | |

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

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

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

TDMS No. 20311 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
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 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 3 | 1 | 1 | 3 | 9 | 0 | 2 | 3 | 7 | 9 | 2 | 1 | 1 | 1 | 1 | 5 | 6 | 6 | 2 | 2 | 2 | 2 | 7 | 9 | |
| | 3 | 1 | 5 | 0 | 1 | 8 | 3 | 2 | 0 | 3 | 4 | 5 | 0 | 1 | 2 | 3 | 9 | 0 | 1 | 2 | 5 | 6 | 7 | 8 | |
| AZTM/3TCM/NVPM/0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | 1 | | | | | | 1 | | | 1 | | | 1 | 2 | | | 1 | | | | | | |
| Vacuolization Cytoplasmic | 2 | 1 | | | 1 | 3 | | | 1 | | | 2 | | 1 | 1 | 1 | | | | | 2 | 1 | | | |
| Mesentery | | | | | | | | | + | | + | | + | | | | | | | + | | | | | |
| Fat, Necrosis | | | | | | | | | 4 | | 4 | | 3 | | | | | | | 4 | | | | | |
| Pancreas | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | 2 | 1 | | 2 | | | | 1 | 1 | 1 | | 1 | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | 2 | 1 | | 1 | 2 | | 2 | 1 | 2 | | | 2 | 1 | 1 | | 1 | 2 | 1 | 1 | 2 | 2 | | | 2 | |
| Stomach, Forestomach | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Keratin Cyst | | | | | | X | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 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 123

TDMS No. 20311 - 02
 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: 16:30:20
First Dose M/F: NA / 07/10/03
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 | 3 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 9 | 9 | 9 | 6 | 7 | 7 | 8 | 0 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 2 | 5 | 8 | 9 | 4 | 5 | 3 | 6 | 6 | 3 | 8 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 7 |
| C57BL/6N XC3H/HEN MTV-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 | 0 | 0 |
| | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| ANIMAL ID | 3 | 1 | 1 | 3 | 9 | 0 | 2 | 3 | 7 | 7 | 9 | 2 | 1 | 1 | 1 | 1 | 5 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 7 | |
| AZTM/3TCM/NVPM/0 | 3 | 1 | 5 | 0 | 1 | 8 | 3 | 2 | 0 | 3 | 4 | 5 | 0 | 1 | 2 | 3 | 9 | 0 | 1 | 2 | 5 | 6 | 7 | 8 | 9 | |

females (cont...)

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | X | | | | | | | | | | | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | | 2 | 1 | 1 | 3 | 2 | 2 | 2 | 2 | 2 | | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| Adrenal Medulla | A | + | + | + | + | + | + | + | + | M | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Islets, Pancreatic | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Pituitary Gland | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | | | 2 | | | 2 | | | | | | | | 2 | | | | | | 2 | 3 |
| Rathke's Cleft, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | X | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | | | |
| Follicle, Degeneration | | | | | | | | | 1 | | 2 | | | | | | | | | | | 2 | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 124

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | Animals | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| | 0383 | 0352 | 0355 | 0356 | 0366 | 0366 | 0366 | 0366 | 0367 | 0367 | 0367 | 0367 | 0367 | 0367 | 0367 | 0367 | 0367 | 0367 | 0367 | 0367 | 0367 | 0367 | 0367 | 0367 | |
| | 0 | 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 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 9 | 9 | 9 | 6 | 7 | 7 | 8 | 0 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 2 | 5 | 8 | 9 | 4 | 5 | 3 | 6 | 6 | 3 | 8 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 7 |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| | 3 | 1 | 1 | 3 | 9 | 0 | 2 | 3 | 7 | 9 | 2 | 1 | 1 | 1 | 1 | 5 | 6 | 6 | 6 | 2 | 2 | 2 | 2 | 7 | 7 |
| AZTM/3TCM/NVPM/0 | 3 | 1 | 5 | 0 | 1 | 8 | 3 | 2 | 0 | 3 | 4 | 5 | 0 | 1 | 1 | 2 | 3 | 9 | 0 | 1 | 2 | 5 | 6 | 7 | 9 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland
Atrophy
Degeneration
Inflammation, Suppurative | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | M | + | + | + |
| | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 3 | 4 | 4 | | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | 4 | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Ovary
Atrophy
Cyst
Infiltration Cellular, Lymphocyte
Bilateral, Cyst | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | | 4 |
| | | | 2 | 2 | 3 | | 2 | | | | | 4 | 2 | 2 | | | | | 2 | | | | | 3 | |
| | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Uterus
Hydrometra
Endometrium, Hyperplasia, Cystic | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | 4 | | | | | | | | | | | | | | 4 | | |
| | | 2 | 3 | 3 | 2 | 4 | 3 | 3 | | 1 | | 2 | 2 | 4 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | | 3 | 2 | 3 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow
Hyperplasia | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node | | + | + | | | + | | | | | 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 - 02

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: 16:30:20

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

Lab: NCTR

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

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

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mammary Gland
Alveolus, Hyperplasia | + + + + + + + + + + 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 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
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 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 9 | 9 | 9 | 6 | 7 | 7 | 8 | 0 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 2 | 5 | 8 | 9 | 4 | 5 | 3 | 6 | 6 | 3 | 8 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 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 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 |
| ANIMAL ID | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | |
| AZTM/3TCM/NVPM/0 | 3 | 1 | 1 | 3 | 9 | 0 | 2 | 3 | 7 | 7 | 9 | 2 | 1 | 1 | 1 | 1 | 5 | 6 | 6 | 6 | 2 | 2 | 2 | 7 | |
| | 3 | 1 | 5 | 0 | 1 | 8 | 3 | 2 | 0 | 3 | 4 | 5 | 0 | 1 | 1 | 2 | 3 | 9 | 0 | 1 | 2 | 5 | 6 | 7 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

females (cont...)

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

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibro-Osseous Lesion | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Skeletal Muscle | | | | + | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Compression | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| Degeneration | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Cerebellum | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mineralization | | | 1 | | | | 1 | 1 | | | | | 1 | | | 1 | | | | | | | | 1 |
| Ventricle, Dilatation | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| Peripheral Nerve | | | | | + | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | | | | | + | | | | | | | | | | | | | | | | | | | |
| Degeneration | | | | | 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 127

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 9 | 9 | 9 | 6 | 7 | 7 | 8 | 0 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 2 | 5 | 8 | 9 | 4 | 5 | 3 | 6 | 6 | 3 | 8 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 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 |
| 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 |
| AZTM/3TCM/NVPM/0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| ANIMAL ID | 3 | 1 | 1 | 3 | 9 | 0 | 2 | 3 | 7 | 7 | 9 | 2 | 1 | 1 | 1 | 1 | 5 | 6 | 6 | 2 | 2 | 2 | 7 | |
| | 3 | 1 | 5 | 0 | 1 | 8 | 3 | 2 | 0 | 3 | 4 | 5 | 0 | 1 | 2 | 3 | 9 | 0 | 1 | 2 | 5 | 6 | 7 | |

females (cont...)

Inflammation, Chronic Active

4

RESPIRATORY SYSTEM

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

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | M | + |
| Cataract | | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Cataract | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retina, Degeneration | | 4 | | | | | | | | | | | | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | A | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | 1 | | | | | | | | | | | | | | | | | | 1 | | | | | 1 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 9 | 9 | 9 | 6 | 7 | 7 | 8 | 0 | 0 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 2 | 5 | 8 | 9 | 4 | 5 | 3 | 6 | 6 | 3 | 8 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 7 |
| C57BL/6N XC3H/HEN MTV-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 |
| | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| | 3 | 1 | 1 | 3 | 9 | 0 | 2 | 3 | 7 | 7 | 9 | 2 | 1 | 1 | 1 | 1 | 5 | 6 | 6 | 6 | 2 | 2 | 2 | 7 | 7 |
| AZTM/3TCM/NVPM/0 | 3 | 1 | 5 | 0 | 1 | 8 | 3 | 2 | 0 | 3 | 4 | 5 | 0 | 1 | 2 | 3 | 9 | 0 | 1 | 2 | 5 | 6 | 7 | 8 | 9 |

females
(cont...)

Inflammation, Chronic Active

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte Nephropathy | | | | 1 | 1 | | | | | | | 1 | 1 | | 2 | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 2 |
| | | 3 | 2 | | | 1 | | | | 1 | 1 | | | 2 | | 1 | 1 | 1 | 1 | | 1 | 1 | | 1 | |
| Urinary Bladder | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | 1 | 1 | | | 1 | | | 1 | 1 | | | | | 1 | 1 | | | | | | 1 | | | 1 |

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

TDMS No. 20311 - 02

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: 16:30:20

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

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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 7 | 6 | 7 | 7 | 3 | 4 | 9 | 8 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 8 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | MICE FEMALE | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 1 | 1 |
| | | 8 | 1 | 3 | 3 | 3 | 6 | 8 | 8 | 3 | 4 | 4 | 8 | 8 | 9 | 9 | 9 | 9 | 4 | 4 | 3 | 3 | |
| AZTM/3TCM/NVPM/O | ANIMAL ID | 0 | 7 | 6 | 7 | 8 | 9 | 0 | 1 | 9 | 0 | 1 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 4 | 5 | 0 | 1 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | 1 | | | | | | | | 1 | | | | | | | | | | 2 | 1 | | |
| Vacuolization Cytoplasmic | | | | 1 | 2 | 3 | | | 1 | 3 | 3 | 1 | 1 | | 2 | 3 | | | | 2 | 2 | | 2 |
| Mesentery | | | | | | + | | + | + | | | | | | | | | | | | | + | |
| Fat, Necrosis | | | | | | 3 | | 4 | 3 | | | | | | | | | | | | | 4 | |
| Pancreas | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | 2 | 1 | | | | | | | | | 1 | 1 | | | | | 1 | 1 | | | 2 | |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | 1 | 2 | | 2 | | 2 | | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 3 | 1 | 1 | | 2 | 1 |
| Stomach, Forestomach | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Keratin Cyst | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 - 02

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: 16:30:20

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

Lab: NCTR

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

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|-----|-----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | | | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Hypertrophy | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 1.0 | | |
| Vacuolization Cytoplasmic | | | | 3 | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | |
| Subcapsular, Hyperplasia | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | | 46 | 1.8 | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | | |
| Hyperplasia | | | | | | | 2 | | | | | 1 | | | | | | | | | | | | | | 4 | 1.5 | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + | 44 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Pars Distalis, Angiectasis | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Pars Distalis, Hyperplasia | | | | | | | | 2 | | | 2 | | | | | | | 2 | | | | | | | | 7 | 2.0 | |
| Rathke's Cleft, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | | | |
| Cyst | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.0 | |
| Follicle, Degeneration | 2 | | | | | | | | | | 2 | | | | 1 | | 1 | | | | | | | | | 7 | 1.6 | |

* .. 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 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 7 | 6 | 7 | 7 | 3 | 4 | 9 | 8 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 8 | 6 | 6 | 6 |

| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 1 | 1 | 1 |
| AZTM/3TCM/NVPM/0 | 0 | 7 | 6 | 7 | 8 | 9 | 0 | 1 | 9 | 4 | 4 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 4 | 4 | 3 | 3 | 3 |

| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | |
|------|----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 1 2.0 |
| Fibro-Osseous Lesion | | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle | + | | | | | | | | | | | | | | | | | | | | | | | 2 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|--------|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | 1 4.0 | |
| Compression | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | 16 1.0 |
| Mineralization | | | | 1 | 1 | 1 | | | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | | | | | | | 1 2.0 | |
| Ventricle, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 3.0 |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
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 135

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 7 | 6 | 7 | 7 | 3 | 4 | 9 | 8 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 8 | 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 FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| AZTM/3TCM/NVPM/0 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 1 | 1 |
| ANIMAL ID | 8 | 1 | 3 | 3 | 3 | 6 | 8 | 8 | 3 | 4 | 4 | 8 | 8 | 9 | 9 | 9 | 9 | 4 | 4 | 3 | 3 | 3 | 3 |
| | 0 | 7 | 6 | 7 | 8 | 9 | 0 | 1 | 9 | 0 | 1 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 4 | 5 | 0 | 1 | 2 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | |

Inflammation, Chronic Active 1 4.0

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Crystals | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |
| Hemorrhage | | | | 3 | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | 3 2.3 |
| Infiltration Cellular, Lymphocyte | | 1 | | | | | 2 | 2 | | | 3 | | | | 2 | | | | | | | | 15 1.6 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Posterior To Upper Incisor, Dysplasia | | | | | | | | | | 3 | | | | | | | | | | | | | 1 3.0 |
| Trachea | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | 45 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Cataract | | | | | | | | | | 1 | | | | | | | | | | | | | 2 1.5 |
| Bilateral, Cataract | | | | | | | | | | | | | | | 1 | | | | | | | | 1 1.0 |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | 1 | | | | | | | | | | | | | 1 1.0 |
| Retina, Degeneration | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | 45 |
| Infiltration Cellular, Lymphocyte | | | | 1 | | | | | | | | | | | | | | 1 | | | | | 5 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 - 02

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: 16:30:20

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

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 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 7 | 6 | 7 | 7 | 3 | 4 | 9 | 8 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 8 | 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 FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| ANIMAL ID | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 1 | 1 | 1 |
| AZTM/3TCM/NVPM/0 | 8 | 1 | 3 | 3 | 3 | 6 | 8 | 8 | 3 | 4 | 4 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 4 | 4 | 3 | 3 | 3 |
| | 0 | 7 | 6 | 7 | 8 | 9 | 0 | 1 | 9 | 0 | 1 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 4 | 5 | 0 | 1 | 2 |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Infiltration Cellular, Lymphocyte | 2 | | | 2 | | | 1 | | | 1 | 1 | | 2 | | | | | | | 1 | 1 | 1 | 15 1.3 |
| Nephropathy | | 1 | | | | 1 | | 1 | | | | 2 | | 1 | 1 | 2 | 2 | | 1 | | | | 22 1.3 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Infiltration Cellular, Lymphocyte | 1 | 1 | | 1 | 2 | 1 | 2 | | | 1 | | 1 | 2 | | 1 | 2 | 2 | | 1 | 1 | 1 | 1 | 25 1.2 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

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

females
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder
Cyst | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + |
| Intestine Large, Cecum | A | + | M | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | M | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Cyst Multilocular | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | 1 | | | | | | | | | | | | | 1 | 1 | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

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

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tension Lipidosis | | | | | | | 2 | | | | | 2 | | | | | | | | | | | | 1 | 1 | 1 |
| Vacuolization Cytoplasmic | | 2 | 2 | | | | 2 | 2 | | | | | | 1 | 2 | | | 1 | 2 | 1 | 1 | 1 | 1 | | 1 | 1 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | A | + | + | + | + | + | + | + | + | A | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | 1 | | | | | | 1 | | 1 | | | | | | | | | | 1 | 1 |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | 1 | 2 | 1 | | | | 1 | | | | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| Stomach, Forestomach | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | 2 | | | | | | | | | | | | | | | | 2 | | | |
| Stomach, Glandular | M | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | 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 139

TDMS No. 20311 - 02

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: 16:30:20

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

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

females (cont...)

ENDOCRINE SYSTEM

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

GENERAL BODY SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02

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: 16:30:20

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

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

Tissue NOS +

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | M | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | 4 | | | | | | | | | | | | | | | | |
| Degeneration | | 3 | 3 | 4 | 4 | 3 | 4 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |
| Ovary | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | 3 | | 3 | 3 | 3 | 2 | 3 | | 4 | 3 | | 3 | | 2 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 |
| Cyst | | | | 3 | | 2 | 2 | | | 3 | | 3 | 2 | | | | | 3 | | 4 | 3 | 4 | | 4 | |
| Hematocyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Cyst | | | | | | | | | | | | | | | | | | 3 | | 3 | | | | | |
| Uterus | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hydrometra | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| Endometrium, Hyperplasia, Cystic | | 2 | 2 | 2 | 2 | 4 | 2 | 3 | | 3 | 2 | 2 | 4 | 3 | 2 | 3 | 4 | | | 2 | 2 | 3 | 3 | 4 | 3 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | + | | | | | + | + | + | + | + | | | | | | | + | | | | |
| Lymph Node, Mandibular | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | 2 | | | 2 | 1 | 2 | | | | | | | | | | | 1 | | 1 | | 4 | | | 2 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 141

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

females (cont...)

Infiltration Cellular, Plasma Cell

2

Lymph Node, Mesenteric
Hyperplasia, Lymphoid

M +
3 2 1 2 1 +

Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid

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

Thymus
Atrophy
Hyperplasia, Lymphoid

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

INTEGUMENTARY SYSTEM

Mammary Gland

A +

Skin

A +

MUSCULOSKELETAL SYSTEM

Bone, Femur
Fibro-Osseous Lesion

+ +

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

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------|
| | 4 5 5 5 5 5 6 6 6 6 6 6 6 6 6 7 7 7 7 7 7 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 1 2 4 5 6 6 0 3 6 6 7 6 9 9 9 0 2 3 3 3 3 3 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 6 7 6 5 6 2 8 1 9 2 7 5 5 2 6 0 2 2 2 2 3 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| MICE FEMALE | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| AZTL/3TCL/NVPL/0 | 0 0 0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 3 3 4 4 4 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 5 6 7 8 8 1 6 7 8 8 1 4 4 5 9 0 5 5 5 5 1 6 6 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 4 9 9 1 5 9 5 7 4 9 0 8 9 8 0 6 1 2 3 4 4 3 4 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem | A + + + + + + + A + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Cerebellum | A + + + + + + + A + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Cerebrum
Mineralization | A + + + + + + + A + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 1 1 1 1 1 1 1 1 2 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lung | A + + + + + + + A + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | 1 1 1 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Bronchiole, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | A + + + + + + + A + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Eye | A + + + + + + + A + + + + + + M + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | | | | |
| Cataract | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Cataract | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation, Chronic Active | 2 2 | | | | | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 20311 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
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 |
|-----------------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | 5 | 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 | 7 | 7 | 7 | 7 |
| | 1 | 2 | 4 | 5 | 6 | 6 | 0 | 3 | 6 | 6 | 7 | 6 | 9 | 9 | 9 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 5 | 6 | 7 | 6 | 5 | 6 | 2 | 8 | 1 | 9 | 2 | 7 | 5 | 5 | 2 | 6 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 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 | 0 |
| 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 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| AZTL/3TCL/NVPL/0 | | 3 | 5 | 6 | 7 | 8 | 8 | 1 | 6 | 7 | 8 | 8 | 1 | 4 | 4 | 5 | 9 | 0 | 5 | 5 | 5 | 5 | 1 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 8 | 4 | 9 | 9 | 1 | 5 | 9 | 5 | 7 | 4 | 9 | 0 | 8 | 9 | 8 | 0 | 6 | 1 | 2 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 5 | 5 | 5 | 5 |

**females
(cont...)**

Cornea, Ulcer 2

Harderian Gland Infiltration Cellular, Lymphocyte A + + + + + + + A + + + + + + + + + + + + + + + +
 1 1

URINARY SYSTEM

Kidney Amyloid Deposition +
 4 Infiltration Cellular, Lymphocyte 2 2 2 1 2 1 1 1 1 1
 Metaplasia, Osseous 1
 Nephropathy 4 1 1 2 1 2 1 1 1 1 1 1 1

Urinary Bladder Infiltration Cellular, Lymphocyte A +
 1 2 1 1 2 1 1 1 1 1 1 1 1 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

| 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 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 4 | 3 | 1 | 5 | 6 | 6 | 7 | 3 | 3 | 0 | 9 | 9 | 9 | 1 | 1 | 0 | 0 | 3 | 4 | 4 | 4 | 4 | 4 |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 |
| | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0 |
| AZTL/3TCL/NVPL/0 | 2 | 3 | 3 | 8 | 8 | 8 | 3 | 4 | 4 | 7 | 8 | 8 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 5 | 5 | |
| | 9 | 0 | 1 | 1 | 2 | 3 | 9 | 0 | 1 | 6 | 2 | 3 | 2 | 5 | 6 | 7 | 8 | 5 | 6 | 7 | 9 | 0 | 1 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|--------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Gallbladder Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | 1 1.0 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Basophilic Focus | | | | | | | | | | | | | X | X | X | | | | | | | | | 3 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Cyst Multilocular | | | | | | | | | | | | | | | | | | | | | | 4 | | 1 4.0 | |
| Hematopoietic Cell Proliferation | | 2 | | | | | | | | | | | | | | | | | | | | 1 | | 2 1.5 | |
| Infiltration Cellular, Lymphocyte | | | | 1 | | 1 | | 2 | | | | 1 | | | 1 | | 1 | 1 | 1 | | | 1 | | 13 1.2 | |
| Inflammation, Chronic Active | | | | | | 1 | | | | | | | | | | 1 | | 1 | | | 1 | | | 4 1.0 | |
| Necrosis | | 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:
 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 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 4 | 3 | 1 | 5 | 6 | 6 | 7 | 3 | 3 | 0 | 9 | 9 | 9 | 1 | 1 | 0 | 0 | 3 | 4 | 4 | 4 | 4 | 4 |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0 |
| AZTL/3TCL/NVPL/0 | 2 | 3 | 3 | 8 | 8 | 8 | 3 | 4 | 4 | 7 | 8 | 8 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 5 | 5 | |
| ANIMAL ID | 9 | 0 | 1 | 1 | 2 | 3 | 9 | 0 | 1 | 6 | 2 | 3 | 2 | 5 | 6 | 7 | 8 | 5 | 6 | 7 | 9 | 0 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | 2 | | | 1 | | 7 1.4 |
| Vacuolization Cytoplasmic | 1 | 2 | | 1 | 1 | | | 2 | | | | 1 | 2 | 1 | 3 | | 1 | | 1 | 1 | | | 26 1.4 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | 45 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | 1 | | 1 | | 2 | | 2 | | 1 | | | | 2 | 2 | | 1 | 2 | 1 | | | | | 20 1.3 |
| Acinus, Degeneration | | | 2 | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | 47 |
| Infiltration Cellular, Lymphocyte | | | 1 | 2 | 1 | 1 | 2 | 1 | 1 | | | | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | | | 33 1.4 |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | 46 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | 1 | | | 3 1.7 |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | 46 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | 3 | | 1 3.0 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | 47 |
| 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
 Page 146

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 4 | 3 | 1 | 5 | 6 | 6 | 7 | 3 | 3 | 0 | 9 | 9 | 9 | 1 | 1 | 0 | 0 | 3 | 4 | 4 | 4 | 4 | 4 |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 |
| | 2 | 3 | 3 | 8 | 8 | 8 | 3 | 4 | 4 | 4 | 7 | 8 | 8 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 5 | 5 |
| AZTL/3TCL/NVPL/0 | 9 | 0 | 1 | 1 | 2 | 3 | 9 | 0 | 1 | 6 | 2 | 3 | 2 | 5 | 6 | 7 | 8 | 5 | 6 | 7 | 9 | 0 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Accessory Adrenal Cortical Nodule | | | | | | X | | X | | | | | | | | | | | | X | | | 4 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | 4 | | | | | 2 | | | | 2 3.0 |
| Subcapsular, Hyperplasia | 3 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 45 1.9 |
| Adrenal Medulla | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 43 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Hyperplasia | | | 3 | | | | | | | | | | 1 | | | | | | | | | | 3 1.7 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | M | + | + | + | + | + | + | 38 |
| Infiltration Cellular, Lymphocyte | | | | | | | | 1 | | | | | | | | | | | | | | | 1 1.0 |
| Pituitary Gland | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 43 |
| Pars Distalis, Cyst | | | | | | | | | | | | | 3 | | | | | | | | | | 1 3.0 |
| Pars Distalis, Hyperplasia | | | | | | | | 2 | | | 2 | | 2 | | | | | | | | 1 | | 8 1.8 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Follicle, Degeneration | | 1 | 2 | | 1 | | | | | | | | 2 | | | | | | | | 1 | 2 | 9 1.7 |

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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 4 | 3 | 1 | 5 | 6 | 6 | 7 | 3 | 3 | 0 | 9 | 9 | 9 | 1 | 1 | 0 | 0 | 3 | 4 | 4 | 4 | 4 | 4 | |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | |
| | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | |
| AZTL/3TCL/NVPL/0 | 2 | 3 | 3 | 8 | 8 | 8 | 3 | 4 | 4 | 7 | 8 | 8 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 5 | 5 | |
| | 9 | 0 | 1 | 1 | 2 | 3 | 9 | 0 | 1 | 6 | 2 | 3 | 2 | 5 | 6 | 7 | 8 | 5 | 6 | 7 | 9 | 0 | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | 1 | |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|-------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Degeneration | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | | | 4 | 4 | 42 3.7 | |
| Ovary | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Atrophy | | 3 | 3 | | 4 | | 3 | | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 38 3.2 | |
| Cyst | | 4 | 3 | | 4 | | 4 | | | 4 | | 4 | | 2 | | | 2 | | | 3 | | 4 | 21 3.2 | |
| Hematocyst | | | | | | X | | | | | | | | | | | | | | | | | 1 | |
| Bilateral, Cyst | | | | | | | | | 3 | | 3 | | | | | | | | | | | 2 | 5 2.8 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Hydrometra | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Endometrium, Hyperplasia, Cystic | 2 | 3 | 3 | 3 | 4 | 2 | 2 | 3 | 3 | 3 | 4 | 3 | 3 | 1 | 3 | 2 | 1 | 2 | 3 | 2 | 3 | 3 | 44 2.7 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Hyperplasia | | | | | | 2 | | | | | | | | | | | | | | | | | 1 2.0 |
| Lymph Node | | + | | | | | | | | | + | | | | | | + | | | | + | | 11 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Hyperplasia, Lymphoid | | | | | | | | | 1 | | | | | 2 | 2 | | | | | | | | 11 1.8 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 4 | 3 | 1 | 5 | 6 | 6 | 7 | 3 | 3 | 0 | 9 | 9 | 9 | 1 | 1 | 0 | 0 | 3 | 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 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| AZTL/3TCL/NVPL/0 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0 |
| ANIMAL ID | 2 | 3 | 3 | 8 | 8 | 8 | 3 | 4 | 4 | 4 | 7 | 8 | 8 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 5 | 5 |
| | 9 | 0 | 1 | 1 | 2 | 3 | 9 | 0 | 1 | 6 | 2 | 3 | 2 | 5 | 6 | 7 | 8 | 5 | 6 | 7 | 9 | 0 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---------------|
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 46 | 10 1.8 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | 47 | 10 3.2 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 25 | 2.7 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | 44 | 11 2.5 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.8 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | 47 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | 47 | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Fibro-Osseous Lesion | | | | | | | | | | | | | | | | | | | | | | | 48 | 2 3.0 |

NERVOUS SYSTEM

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

Page 149

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | 4 | 3 | 1 | 5 | 6 | 6 | 7 | 3 | 3 | 0 | 9 | 9 | 9 | 1 | 1 | 0 | 0 | 3 | 4 | 4 | 4 | 4 | 4 | | |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 0 | 0 | 0 | |
| AZTL/3TCL/NVPL/0 | 2 | 3 | 3 | 8 | 8 | 8 | 3 | 4 | 4 | 7 | 8 | 8 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 5 | 5 | | |
| | 9 | 0 | 1 | 1 | 2 | 3 | 9 | 0 | 1 | 6 | 2 | 3 | 2 | 5 | 6 | 7 | 8 | 5 | 6 | 7 | 9 | 0 | 1 | * TOTALS | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Mineralization | | | | | 1 | 1 | | | 1 | | 1 | | 1 | | | | | 1 | 1 | 1 | | 1 | 1 | 25 1.0 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Infiltration Cellular, Histiocyte | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | | 1 | | | | | | | | | 1 | | | | 2 | | | | | | | 8 1.3 |
| Inflammation, Chronic Active | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Bronchiole, Hyperplasia | | | | | | | | | | | | | | | | | | | | 2 | | | | 1 2.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Inflammation, Suppurative | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Bilateral, Cataract | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |

* .. 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

| | 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 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | | | |
| | 4 | 3 | 1 | 5 | 6 | 6 | 7 | 3 | 3 | 0 | 9 | 9 | 9 | 1 | 1 | 0 | 0 | 3 | 4 | 4 | 4 | 4 | | | | |
| | <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 0 | 0 | 0 | 0 | | | | |
| MICE FEMALE | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 0 | | | | |
| | 2 | 3 | 3 | 8 | 8 | 8 | 3 | 4 | 4 | 7 | 8 | 8 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4 | 5 | | | | |
| AZTL/3TCL/NVPL/0 | 9 | 0 | 1 | 1 | 2 | 3 | 9 | 0 | 1 | 6 | 2 | 3 | 2 | 5 | 6 | 7 | 8 | 5 | 6 | 7 | 9 | 0 | * TOTALS | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Ulcer | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | 45 | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | 1 | 1 | | | | | | | | | | | 5 1.0 | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | 1 | 1 | 1 | | | | | | 2 | 1 | | | | | | 15 1.3 | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | | | |
| Nephropathy | 1 | 1 | 1 | | | | 2 | | | | | | 1 | 1 | 2 | 1 | 1 | | | | | | 19 1.4 | | | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | | |
| Infiltration Cellular, Lymphocyte | 2 | 1 | 2 | 1 | 1 | | | | | | 1 | | | | | | 1 | 1 | 1 | | | | 2 | 1 | 1 | 24 1.3 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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 |
| | 4 | 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 |
| | 9 | 9 | 9 | 0 | 7 | 5 | 9 | 8 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 2 | 0 | 3 | 0 | 1 | 9 | 4 | 5 | 9 | 2 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 5 | 3 | 3 | |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 6 | 6 | 6 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| | 4 | 0 | 2 | 3 | 9 | 9 | 5 | 5 | 4 | 0 | 7 | 7 | 8 | 9 | 9 | 0 | 0 | 0 | 9 | 9 | 9 | 3 | 3 | 3 | 3 | 3 |
| AZTH/3TCH/NFVH/0 | 5 | 6 | 2 | 6 | 2 | 3 | 1 | 5 | 0 | 1 | 7 | 8 | 9 | 0 | 8 | 9 | 0 | 1 | 2 | 6 | 7 | 8 | 3 | 4 | 5 | 5 |

females
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Degeneration, Hyaline
Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Autolysis | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell 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

Page 152

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 9 | 9 | 9 | 0 | 7 | 5 | 9 | 8 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 2 | 0 | 3 | 0 | 1 | 9 | 4 | 5 | 9 | 2 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 5 | 3 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 |
| | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE | 4 | 0 | 2 | 3 | 9 | 9 | 5 | 5 | 4 | 0 | 7 | 7 | 7 | 8 | 9 | 9 | 0 | 0 | 0 | 9 | 9 | 9 | 3 | 3 |
| AZTH/3TCH/NFVH/0 | 5 | 6 | 2 | 6 | 2 | 3 | 1 | 5 | 0 | 1 | 7 | 8 | 9 | 0 | 8 | 9 | 0 | 1 | 2 | 6 | 7 | 8 | 3 | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|---|--|---|---|--|---|---|---|---|--|--|--|--|--|--|---|---|--|--|--|--|--|--|
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | 2 | | 1 | 1 | | 1 | 1 | 2 | 1 | | | | | | | 2 | 2 | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|--|--|--|--|--|--|--|---|--|--|--|--|---|---|--|--|--|--|--|--|--|---|--|
| Mesentery | + | | | | | | | | + | | | | | + | + | | | | | | | | + | |
| Fat, Necrosis | 2 | | | | | | | | 4 | | | | | 3 | 4 | | | | | | | | 4 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pancreas | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | 1 | 2 | 1 | 1 | | 1 | 1 | | 1 | | | | | 2 | | 1 | | | | 2 |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | 2 | | 1 | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Salivary Glands | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | 2 | 2 | 2 | | 2 | 1 | 2 | 1 | | 1 | 2 | 2 | 1 | 2 | 1 | 2 | | 2 | 1 | 1 | 2 | 1 | 1 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stomach, Forestomach | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stomach, Glandular | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

CARDIOVASCULAR SYSTEM

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

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Heart | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 153

| | 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 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 9 | 9 | 9 | 0 | 7 | 5 | 9 | 8 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 2 | 0 | 3 | 0 | 1 | 9 | 4 | 5 | 9 | 2 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 5 | 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 | |
| MICE FEMALE | 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 | |
| | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | |
| AZTH/3TCH/NFVH/0 | 4 | 0 | 2 | 3 | 9 | 9 | 5 | 5 | 4 | 0 | 7 | 7 | 7 | 8 | 9 | 9 | 0 | 0 | 0 | 9 | 9 | 9 | 3 | 3 | 3 | females
(cont...) |
| ANIMAL ID | 5 | 6 | 2 | 6 | 2 | 3 | 1 | 5 | 0 | 1 | 7 | 8 | 9 | 0 | 8 | 9 | 0 | 1 | 2 | 6 | 7 | 8 | 3 | 4 | 5 | |

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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Clitoral Gland | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Degeneration | | 4 | 3 | | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| DAY ON TEST | 0
4
9
2 | 0
5
9
0 | 0
5
9
3 | 0
6
0
0 | 0
6
7
1 | 0
6
5
9 | 0
6
9
4 | 0
6
8
5 | 0
7
2
9 | 0
7
2
0 | 0
7
4
0 | 0
7
4
0 | 0
7
4
0 | 0
7
4
0 | 0
7
4
0 | 0
7
4
0 | 0
7
4
0 | 0
7
4
0 | 0
7
4
2 | 0
7
4
4 | 0
7
4
4 | 0
7
4
4 | 0
7
4
5 | 0
7
4
3 | 0
7
4
3 | |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE | 0
0
0
4 | 0
0
1
0 | 0
0
1
2 | 0
0
1
3 | 0
0
1
9 | 0
0
2
5 | 0
0
2
5 | 0
0
4
4 | 0
0
5
0 | 0
0
6
1 | 0
0
6
7 | 0
0
6
8 | 0
0
6
9 | 0
0
6
9 | 0
0
9
0 | 0
0
9
0 | 0
0
9
0 | 0
0
9
0 | 0
0
9
0 | 0
0
9
0 | 0
0
9
0 | 0
0
9
0 | 0
0
9
3 | 0
0
9
3 | 0
0
9
3 | 0
0
9
3 |
| AZTH/3TCH/NFVH/0 | 5 | 6 | 2 | 6 | 2 | 3 | 1 | 5 | 0 | 1 | 7 | 8 | 9 | 0 | 8 | 9 | 0 | 1 | 2 | 6 | 7 | 8 | 3 | 4 | 5 | |
| ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | |

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Ovary | A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydrometra | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone Marrow | A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 9 | 9 | 9 | 0 | 7 | 5 | 9 | 8 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 2 | 0 | 3 | 0 | 1 | 9 | 4 | 5 | 9 | 2 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 5 | 3 |
| C57BL/6N XC3H/HEN MTV-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 | 0 | 0 |
| | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| AZTH/3TCH/NFVH/0 | 4 | 0 | 2 | 3 | 9 | 9 | 5 | 5 | 4 | 0 | 7 | 7 | 7 | 8 | 9 | 9 | 0 | 0 | 0 | 9 | 9 | 9 | 3 | 3 | 3 | 3 |
| | 5 | 6 | 2 | 6 | 2 | 3 | 1 | 5 | 0 | 1 | 7 | 8 | 9 | 0 | 8 | 9 | 0 | 1 | 2 | 6 | 7 | 8 | 3 | 4 | 5 | |

females (cont...)

| Thymus | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Atrophy | | 4 | 2 | | | | | | | 3 | 4 | 3 | | | | 3 | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | 1 | | | | | | | | | | | | | | | | | | 2 | 1 | | 3 | |

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibro-Osseous Lesion | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Brain, Cerebrum | 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 - 02

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: 16:30:20

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

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 |
| DAY ON TEST | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 9 | 9 | 9 | 0 | 7 | 5 | 9 | 8 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 2 | 0 | 3 | 0 | 1 | 9 | 4 | 5 | 9 | 2 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 5 | 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 |
| MICE FEMALE | 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 |
| ANIMAL ID | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 6 | 6 | 6 | 6 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| AZTH/3TCH/NFVH/0 | 4 | 0 | 2 | 3 | 9 | 9 | 5 | 5 | 4 | 0 | 7 | 7 | 7 | 8 | 9 | 9 | 0 | 0 | 0 | 9 | 9 | 9 | 3 | 3 | 3 |
| | 5 | 6 | 2 | 6 | 2 | 3 | 1 | 5 | 0 | 1 | 7 | 8 | 9 | 0 | 8 | 9 | 0 | 1 | 2 | 6 | 7 | 8 | 3 | 4 | 5 |
| Mineralization | | | | | | 1 | | | | | | | | 1 | | | | | | 1 | | | 1 | | 1 |

females (cont...)

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Crystals | | | | 2 | 4 | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | 2 | 4 | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | 1 | | | | | | | | | | | 2 | | 2 | | | | 2 | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Nose | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Squamous | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Harderian Gland | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | |
| Acinus, Hyperplasia | | | | | | | | | | 3 | | | | | | | | | | | | | | | |

URINARY SYSTEM

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

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 9 | 9 | 9 | 0 | 7 | 5 | 9 | 8 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 2 | 0 | 3 | 0 | 1 | 9 | 4 | 5 | 9 | 2 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 5 | 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 | |
| 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 | |
| AZTH/3TCH/NFVH/0 | ANIMAL ID | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 4 | 5 | 6 | 6 | 6 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | |
| | | 4 | 0 | 2 | 3 | 9 | 9 | 5 | 5 | 4 | 0 | 7 | 7 | 7 | 8 | 9 | 9 | 0 | 0 | 0 | 9 | 9 | 3 | 3 | |
| | | 5 | 6 | 2 | 6 | 2 | 3 | 1 | 5 | 0 | 1 | 7 | 8 | 9 | 0 | 8 | 9 | 0 | 1 | 2 | 6 | 7 | 8 | 3 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | 1 | | | 1 | 1 | | | | 1 | | | | | 1 | | | | | 1 | | | | | |
| Nephropathy | | | | 1 | | | | 3 | 1 | | 1 | 1 | 2 | 1 | | | | | 1 | | 1 | 1 | | 1 | |
| Urinary Bladder | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | 1 | | 1 | | 1 | 1 | 1 | | | | 2 | | 2 | | | | 2 | 1 | | | 1 | |

females (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 158

| DAY ON TEST | | |
|-----------------------------------|---|-----------------|
| 0 | | |
| 7 | | |
| 4 | | |
| 3 | | |
| | | |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | |
| MICE FEMALE | 1 | |
| | 1 | |
| ANIMAL ID | 3 | |
| AZTH/3TCH/NFVH/0 | 6 | |
| | | * TOTALS |

ALIMENTARY SYSTEM

| | | | | |
|-----------------------------------|---|--|----|-------|
| Esophagus | + | | 25 | |
| Gallbladder | + | | 25 | |
| Degeneration, Hyaline | | | | 1 3.0 |
| Infiltration Cellular, Lymphocyte | | | | 1 1.0 |
| Intestine Large, Cecum | + | | 25 | |
| Intestine Large, Colon | + | | 25 | |
| Intestine Large, Rectum | + | | 25 | |
| Intestine Small, Duodenum | + | | 25 | |
| Intestine Small, Ileum | + | | 25 | |
| Intestine Small, Jejunum | + | | 25 | |
| Liver | + | | 26 | |
| Autolysis | | | | 1 4.0 |
| Basophilic Focus | | | | 1 |
| Eosinophilic Focus | | | | 1 |
| Infiltration Cellular, Lymphocyte | 1 | | | 6 1.3 |
| Inflammation, Chronic Active | | | | 4 1.3 |
| Mixed Cell Focus | | | | 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 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | | | |
|-----------------------------------|-----------|---|-----------------|
| 0 | | | |
| 7 | | | |
| 4 | | | |
| 3 | | | |
| | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | |
| MICE FEMALE | | 1 | |
| | | 1 | |
| | ANIMAL ID | 3 | |
| AZTH/3TCH/NFVH/0 | | 6 | |
| | | | * TOTALS |
| Tension Lipidosis | | | 3 2.0 |
| Vacuolization Cytoplasmic | | | 11 1.3 |
| | | | |
| Mesentery | | | 5 |
| Fat, Necrosis | | | 5 3.4 |
| | | | |
| Pancreas | + | | 25 |
| Infiltration Cellular, Lymphocyte | | | 10 1.3 |
| Acinus, Degeneration | | | 2 1.5 |
| | | | |
| Salivary Glands | + | | 25 |
| Infiltration Cellular, Lymphocyte | 1 | | 21 1.5 |
| | | | |
| Stomach, Forestomach | + | | 25 |
| | | | |
| Stomach, Glandular | + | | 25 |

CARDIOVASCULAR SYSTEM

| | | | |
|----------------|---|--|--------------|
| Blood Vessel | + | | 25 |
| | | | |
| Heart | + | | 25 |
| Cardiomyopathy | 1 | | 1 1.0 |

ENDOCRINE SYSTEM

.....

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | | | | |
|-----------------------------------|-----------|---|----|-----------------|
| 0 | | | | |
| 7 | | | | |
| 4 | | | | |
| 3 | | | | |
| | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | | |
| MICE FEMALE | | 1 | | |
| | | 1 | | |
| | ANIMAL ID | 3 | | |
| AZTH/3TCH/NFVH/0 | | 6 | | |
| | | | | * TOTALS |
| Adrenal Cortex | + | | 25 | |
| Cyst | | | | 1 1.0 |
| Subcapsular, Hyperplasia | 1 | | | 25 1.8 |
| | | | | |
| Adrenal Medulla | + | | 25 | |
| | | | | |
| Islets, Pancreatic | + | | 25 | |
| | | | | |
| Parathyroid Gland | + | | 21 | |
| Cyst | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | | 1 1.0 |
| | | | | |
| Pituitary Gland | + | | 23 | |
| Pars Distalis, Hyperplasia | | | | 2 2.0 |
| | | | | |
| Thyroid Gland | + | | 25 | |
| Infiltration Cellular, Lymphocyte | | | | 1 1.0 |
| Polyarteritis | | | | 1 2.0 |
| Follicle, Degeneration | | | | 7 1.7 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | |
|----------------|---|--|----|--------|
| Clitoral Gland | + | | 25 | |
| Degeneration | 3 | | | 24 3.8 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | | | | |
|-----------------------------------|-----------|---|--|-----------------|
| 0 | | | | |
| 7 | | | | |
| 4 | | | | |
| 3 | | | | |
| | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | | |
| MICE FEMALE | | 1 | | |
| | | 1 | | |
| | ANIMAL ID | 3 | | |
| AZTH/3TCH/NFVH/0 | | 6 | | |
| | | | | * TOTALS |
| Inflammation, Suppurative | | | | 1 1.0 |
| | | | | |
| Ovary | + | | | 25 |
| Atrophy | 3 | | | 23 3.3 |
| Cyst | | | | 8 3.0 |
| Bilateral, Cyst | | | | 4 3.5 |
| | | | | |
| Uterus | + | | | 26 |
| Autolysis | | | | 1 4.0 |
| Hydrometra | 4 | | | 2 4.0 |
| Endometrium, Hyperplasia, Cystic | | | | 22 2.6 |

HEMATOPOIETIC SYSTEM

| | | | | | |
|----------------------------------|---|--|--|---------------|--|
| Bone Marrow | + | | | 25 | |
| Hyperplasia | | | | 1 2.0 | |
| | | | | | |
| Lymph Node | | | | 3 | |
| | | | | | |
| Lymph Node, Mandibular | + | | | 25 | |
| Hyperplasia, Lymphoid | | | | 6 1.7 | |
| | | | | | |
| Lymph Node, Mesenteric | + | | | 25 | |
| Hyperplasia, Lymphoid | 2 | | | 11 2.1 | |
| | | | | | |
| Spleen | + | | | 25 | |
| Hematopoietic Cell Proliferation | 1 | | | 8 2.1 | |
| Hyperplasia, Lymphoid | 3 | | | 14 2.9 | |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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 - 02
 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: 16:30:20
First Dose M/F: NA / 07/10/03
Lab: NCTR

| DAY ON TEST | | | |
|-----------------------------------|-----------|---|-----------------|
| 0 | | | |
| 7 | | | |
| 4 | | | |
| 3 | | | |
| | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | |
| MICE FEMALE | | 1 | |
| | | 1 | |
| | ANIMAL ID | 3 | |
| AZTH/3TCH/NFVH/0 | | 6 | |
| | | | * TOTALS |

| | | | | |
|-----------------------|---|--|-----------|--------------|
| Thymus | + | | 25 | |
| Atrophy | 3 | | | 7 3.1 |
| Hyperplasia, Lymphoid | | | | 4 1.8 |

INTEGUMENTARY SYSTEM

| | | | | |
|---------------|---|--|-----------|--|
| Mammary Gland | + | | 24 | |
| Skin | + | | 25 | |

MUSCULOSKELETAL SYSTEM

| | | | | |
|----------------------|---|--|-----------|--------------|
| Bone, Femur | + | | 26 | |
| Fibro-Osseous Lesion | | | | 1 3.0 |

NERVOUS SYSTEM

| | | | | |
|-----------------------------------|---|--|-----------|--------------|
| Brain, Brain Stem | + | | 25 | |
| Brain, Cerebellum | + | | 25 | |
| Infiltration Cellular, Lymphocyte | | | | 1 1.0 |
| Vacuolization Cytoplasmic | | | | 1 1.0 |
| Brain, Cerebrum | + | | 25 | |

* .. 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 163

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | 0 | 7 | 4 | 3 | |
|-----------------------------------|---|---|---|---|-----------------|
| <hr/> | | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 1 | 1 | 3 | |
| MICE FEMALE | 1 | 1 | 3 | 6 | |
| AZTH/3TCH/NFVH/0 | | | | | * TOTALS |
| Mineralization | | | | | 5 1.0 |

RESPIRATORY SYSTEM

| | | | | | | |
|-----------------------------------|---|--|--|--|-----------|--------------|
| Lung | + | | | | 25 | |
| Crystals | | | | | | 2 3.0 |
| Infiltration Cellular, Histiocyte | | | | | | 2 3.0 |
| Infiltration Cellular, Lymphocyte | | | | | | 4 1.8 |
| Alveolar Epithelium, Hyperplasia | | | | | | 1 1.0 |
| <hr/> | | | | | | |
| Nose | + | | | | 26 | |
| <hr/> | | | | | | |
| Trachea | + | | | | 25 | |

SPECIAL SENSES SYSTEM

| | | | | | | |
|--------------------------------------|---|--|--|--|-----------|--------------|
| Eye | + | | | | 25 | |
| Cataract | | | | | | 1 1.0 |
| Metaplasia, Squamous | | | | | | 1 2.0 |
| Cornea, Inflammation, Chronic Active | | | | | | 1 1.0 |
| <hr/> | | | | | | |
| Harderian Gland | + | | | | 25 | |
| Infiltration Cellular, Lymphocyte | | | | | | 2 1.0 |
| Acinus, Hyperplasia | | | | | | 1 3.0 |

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:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | | 0 | 7 | 4 | 3 | |
|-----------------------------------|--|---|---|---|---|-----------------|
| C57BL/6N XC3H/HEN MTV-NCTR | | 0 | | | | |
| MICE FEMALE | | 1 | | | | |
| ANIMAL ID | | 1 | | | | |
| AZTH/3TCH/NFVH/0 | | 3 | | | | |
| | | 6 | | | | * TOTALS |
| Kidney | | + | | | | 25 |
| Hyperplasia, Lymphoid | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | 5 1.0 |
| Nephropathy | | 1 | | | | 12 1.3 |
| Urinary Bladder | | + | | | | 25 |
| Infiltration Cellular, Lymphocyte | | | | | | 10 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

Page 165

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02

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: 16:30:20

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

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

C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE
ANIMAL ID
AZTM/3TCM/NFVM/0

females
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + | + | + | 2 |
| Intestine Large, Colon | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | X | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | X | X | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Infiltration Cellular, Lymphocyte | 1 | | 2 | | | | 1 | 1 | 1 | | | | | | | 1 | | | 2 | 1 | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | 2 | 1 | 2 | | | | | | | | 1 | |

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

TDMS No. 20311 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
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 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 | 5 | 6 | 6 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 0 | 9 | 1 | 4 | 6 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| | 2 | 7 | 0 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 9 | 9 | 0 | 9 | 9 | 1 | 1 | 1 | 1 |

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

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | X |
| Necrosis | | | | | | | | | | | 4 | 2 | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | 1 | | | | | 1 | | | | 1 | | | | |
| Vacuolization Cytoplasmic | 2 | 2 | | | | | | | | | 2 | 2 | 2 | | 1 | 3 | 3 | 2 | | 2 | 3 | 1 | 2 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | + | + | | | | | | | + | |
| Fat, Necrosis | | | | | | | | | | | | | 4 | 3 | | | | | | | | 4 | |
| Pancreas | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | 2 | 1 | | | | | | | | | | 1 | 1 | |
| Acinus, Degeneration | | | | | | | | | | | | | | | 4 | 2 | | | | | | | |
| Salivary Glands | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | 2 | | 2 | 1 | | | 2 | 2 | 1 | 3 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 2 |
| Stomach, Forestomach | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Stomach, Glandular | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | 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 167

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02
 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: 16:30:20
First Dose M/F: NA / 07/10/03
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 |
| | | 6 | 5 | 6 | 6 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 0 | 9 | 1 | 4 | 6 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 2 | 7 | 0 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 9 | 9 | 0 | 9 | 9 | 1 | 1 | 1 | 1 | 2 | 2 |
| 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 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 |
| | ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 |
| AZTM/3TCM/NFVM/0 | | 7 | 8 | 5 | 7 | 6 | 6 | 1 | 2 | 3 | 5 | 6 | 7 | 4 | 5 | 6 | 3 | 4 | 5 | 9 | 0 | 1 | 2 | 6 | 7 | 8 |

females
(cont...)

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | 2 | 2 | 1 | 2 | 1 | | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 2 | 2 |
| Adrenal Medulla | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | + | + | + | + | A | + | M | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | M |
| Pituitary Gland | + | + | + | + | + | A | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Angiectasis | | | | 1 | | | | | 2 | | | | | | | | 1 | | | | | 2 | | | |
| Pars Distalis, Hyperplasia | | | | | | | | | | 1 | | | | 2 | | 1 | | | | | | | 2 | | |
| Thyroid Gland | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | 2 | | | | | | | | | | | | | 2 | | |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | 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 168
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20311 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
Lab: NCTR

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

females
(cont...)

GENERAL BODY SYSTEM

Tissue NOS
Abdominal, Fibrosis
Abdominal, Inflammation, Chronic Active

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland
Atrophy
Degeneration | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 4 | 4 | 2 | 4 | 4 | | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | | | 4 | 4 | 4 | | |
| Ovary
Atrophy
Cyst
Infiltration Cellular, Lymphocyte
Inflammation, Chronic Active
Bilateral, Cyst | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 4 | 3 | 3 | 3 | | | 3 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | |
| | | | | | | 4 | 3 | | 4 | | 4 | 2 | | | 2 | 2 | | | | | 4 | | 3 | | 4 | | |
| Uterus
Hydrometra
Endometrium, Hyperplasia, Cystic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | 3 | 2 | | 2 | 2 | | 3 | 3 | 2 | 2 | 2 | | 2 | 2 | 1 | | 4 | 4 | | 2 | 4 | 2 | 3 | 4 | 1 | 2 | 3 |

HEMATOPOIETIC SYSTEM

Bone Marrow + + + + + A +

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 | 5 | 6 | 6 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 0 | 9 | 1 | 4 | 6 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 2 | 7 | 0 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 9 | 9 | 0 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 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 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | |
| | 1 | 1 | 3 | 6 | 7 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 2 | 8 | 8 | 8 | 4 | 4 | 4 | 9 | 0 | 0 | 4 | 4 | 4 | |
| | 7 | 8 | 5 | 7 | 6 | 6 | 1 | 2 | 3 | 5 | 6 | 7 | 4 | 5 | 6 | 3 | 4 | 5 | 9 | 0 | 1 | 2 | 6 | 7 | 8 | |
| C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AZTM/3TCM/NFVM/0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | | | | | | | | | | | | | | | | | | | | | | | | | |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Mammary Gland | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 | 5 | 6 | 6 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 0 | 9 | 1 | 4 | 6 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 2 | 7 | 0 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 9 | 9 | 0 | 9 | 9 | 1 | 1 | 1 | 1 | 2 | 1 |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 |
| AZTM/3TCM/NFVM/0 | 1 | 1 | 3 | 6 | 7 | 8 | 8 | 8 | 8 | 2 | 2 | 2 | 8 | 8 | 8 | 4 | 4 | 4 | 9 | 0 | 0 | 0 | 4 | 4 | 4 |
| | 7 | 8 | 5 | 7 | 6 | 6 | 1 | 2 | 3 | 5 | 6 | 7 | 4 | 5 | 6 | 3 | 4 | 5 | 9 | 0 | 1 | 2 | 6 | 7 | 8 |

**females
(cont...)**

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|--|--|--|--|--|--|--|--|--|--|--|
| Alveolus, Hyperplasia | 2 | | | | | | | | | | | | | 2 | | 2 | | | | | | | | | | | |
| Skin | + + + + + A + | | | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|
| Brain, Brain Stem
Compression | + + + + + A + | | | | | | | | | | | | | 4 | | 2 | | | | | | | | | | | | | |
| Brain, Cerebellum
Ventricle, Dilatation | + + + + + A + | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Cerebrum
Mineralization
Ventricle, Dilatation | + + + + + A + | | | | | | | | | | | | | 2 | | | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|
| Lung
Congestion | + + + + + A + | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crystals | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 171

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|---|--|
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | 2 | | | | | | 1 | | | | | | | | | | 3 | | | | | 2 | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|---|---|--|--|--|--|--|--|--|
| Eye | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Bilateral, Cataract | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | A | | | | | | | | | | | | | M | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|--|---|---|---|--|--|---|---|---|---|---|---|---|---|---|--|--|---|---|---|--|
| Kidney | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | 2 | 1 | 1 | | | 2 | 1 | 1 | | | 1 | | | | | | | | | | | 1 | 2 | 1 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | | | 1 | | | | | | | | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | |
| Urinary Bladder | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 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 - 02

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: 16:30:20

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

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 | |
| | 6 | 5 | 6 | 6 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 0 | 9 | 1 | 4 | 6 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 2 | 7 | 0 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 9 | 9 | 0 | 9 | 9 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 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 | 0 | |
| 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 | |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | |
| AZTM/3TCM/NFVM/0 | 7 | 8 | 5 | 7 | 6 | 6 | 1 | 2 | 3 | 5 | 6 | 7 | 4 | 5 | 6 | 3 | 4 | 5 | 9 | 0 | 1 | 2 | 6 | 7 | 8 | | |
| Infiltration Cellular, Lymphocyte | 2 | | | 1 | | | | | | 1 | 1 | | | | | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | | 1 | | |

females (cont...)

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|--|--|---|--|--|--|--|---|--|--|--|---|---|--|--|--|--|--|--|---|--|---|---------------|--------------|--------------|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | | 48 | | |
| Gallbladder | + | | | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | + | | | | | | | | | | | | | | | | | | | | | | | | | 47 | 2 2.0 | |
| Intestine Large, Colon | + | | | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| Intestine Large, Rectum | + | | | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| Intestine Small, Duodenum | + | | | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| Intestine Small, Ileum | + | | | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| Intestine Small, Jejunum | + | | | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| Liver | + | | | | | | | | | | | | | | | | | | | | | | | | | 48 | | |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 3 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Infiltration Cellular, Lymphocyte | 1 | | | | | 1 | | | | | 1 | | | | | 1 | | | | | | | 2 | | 1 | 15 1.2 | | |
| Inflammation, Chronic Active | | 1 | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | 7 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 | 0 | | | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | | |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 9 | 5 | 5 | 9 | 0 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | | |
| | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 3 | 6 | 8 | 1 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | | |
| C57BL/6N XC3H/HEN MTV-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 | 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 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| AZTM/3TCM/NFVM/0 | 4 | 0 | 0 | 5 | 5 | 5 | 3 | 3 | 9 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 7 | | | | |
| | 9 | 3 | 4 | 2 | 3 | 4 | 5 | 7 | 8 | 1 | 2 | 4 | 3 | 7 | 2 | 8 | 9 | 0 | 1 | 4 | 8 | 9 | 7 | 8 | * TOTALS | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Necrosis | | | | | | 1 | | | | | | | | | | | | | | | | | | | 3 2.3 | | |
| Tension Lipidosis | | | | | | | | | | | 1 | | | | | | | | | | | | 2 | | 5 1.2 | | |
| Vacuolization Cytoplasmic | 1 | | | | 1 | | | | | 2 | | | | | 2 | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | | 25 1.9 | | |
| Mesentery | | | | | | + | | + | | | | | | | + | | | | | | | | + | | 7 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Fat, Necrosis | | | | | | 4 | | | | | | | | | 4 | | | | | | | | 4 | | 5 4.0 | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | 46 | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 | | |
| Infiltration Cellular, Lymphocyte | | | | | | 1 | | | 1 | | 1 | | | | 1 | | 2 | | | 1 | 1 | 1 | | 1 | 14 1.1 | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| Infiltration Cellular, Lymphocyte | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | | | | 1 | 1 | 1 | 2 | | 1 | | 1 | 1 | 1 | 2 | 40 1.5 | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | 47 | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| Heart | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | |

* .. 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 - 02

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: 16:30:20

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

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 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 9 | 5 | 5 | 9 | 0 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| | | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 3 | 6 | 8 | 1 | 8 | 3 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 8 |
| C57BL/6N XC3H/HEN MTV-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 | |
| ANIMAL ID | | 0 | 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 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 4 | 0 | 0 | 5 | 5 | 5 | 3 | 3 | 9 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 7 | 7 | |
| AZTM/3TCM/NFVM/0 | | 9 | 3 | 4 | 2 | 3 | 4 | 5 | 7 | 8 | 1 | 2 | 4 | 3 | 7 | 2 | 8 | 9 | 0 | 1 | 4 | 8 | 9 | |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | X | | | | 1 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Vacuolization Cytoplasmic | | | | | | | | | | | 4 | | | | | | 2 | | | | | | | | | 2 3.0 |
| Subcapsular, Hyperplasia | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | | | 47 1.8 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Hyperplasia | | | | | | | | | | | | 2 | | | | | | | | | | | | | | 1 2.0 |
| Islets, Pancreatic | + | + | + | + | + | + | M | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Hyperplasia | | | | | | | | | | | 2 | | | | | | | | | | | | | | | 1 2.0 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | M | + | + | + | 42 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | A | + | M | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.5 |
| Pars Distalis, Hyperplasia | | | | | | | | | | 2 | | | | | 1 | 1 | 2 | | | | | 1 | 1 | 2 | | 11 1.5 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Ectopic Thymus | | | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 1.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Follicle, Degeneration | | | 1 | | | | | | | | 1 | | | | | | | | | | | 3 | | | | 4 1.5 |

* .. 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

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 9 | 5 | 5 | 9 | 0 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 3 | 6 | 8 | 1 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MICE FEMALE | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| ANIMAL ID | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| AZTM/3TCM/NFVM/0 | 9 | 3 | 4 | 2 | 3 | 4 | 5 | 7 | 8 | 1 | 2 | 4 | 3 | 7 | 2 | 8 | 9 | 0 | 1 | 4 | 8 | 9 | 7 | 8 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Abdominal, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Abdominal, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|--------|-------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 47 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Degeneration | 4 | 4 | 4 | 3 | 4 | | 4 | 4 | 4 | 4 | | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 43 3.7 | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Atrophy | 4 | 3 | 3 | 3 | 3 | 3 | | 3 | 3 | 4 | 3 | | 3 | | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | | | | | | | | | | | | | | | | 43 3.3 | |
| Cyst | 4 | 2 | | | 2 | 2 | 2 | | | | | | 2 | | | | | | | | 2 | 3 | | | | | | | | | | | | | | | 19 2.8 | | |
| Infiltration Cellular, Lymphocyte | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Inflammation, Chronic Active | | | | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Bilateral, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Hydrometra | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 3.9 |
| Endometrium, Hyperplasia, Cystic | 3 | 3 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | | 2 | | 2 | 3 | 3 | 4 | 4 | 2 | 4 | 3 | | | 4 | | 2 | 3 | 2 | | | | | | | | | | 40 2.6 | | |

HEMATOPOIETIC SYSTEM

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

Page 177

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|
| Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 | | | |
| Lymph Node | + | | | | | | | | | | + | A | | | | | | | | | | 6 | | | | | | | |
| Lumbar, Cyst | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | | | | | | |
| Lumbar, Inflammation, Chronic Active | | | | | | | | | | | 4 | | | | | | | | | | | 1 4.0 | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Hyperplasia, Lymphoid | 2 | | | 1 | | | | | | | | | | | | 2 | | 1 | 2 | | | | | | 14 1.8 | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | M | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Hyperplasia, Lymphoid | 2 | | 1 | | | 2 | | | | 2 | | 2 | | | | | 2 | | 1 | 2 | | 1 | | 2 | | 2 | 2 | 2 | 21 1.8 |
| Infiltration Cellular, Histiocyte | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | | | | |
| Spleen | + | | | | | | | | | | | | | | | | | | | | | | | | | 48 | | | |
| Autolysis | | | | | | | | | | | 4 | | | | | | | | | | | 1 4.0 | | | | | | | |
| Hematopoietic Cell Proliferation | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | 9 3.3 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | | | | |
| Hyperplasia, Lymphoid | 3 | 4 | 3 | 3 | | | | | | | | 2 | | | | | | 2 | | 3 | 2 | | 4 | 3 | 3 | | 3 | 3 | 27 2.9 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | | | | |
| Thymus | + | | | | | | | | | | | | | | | | | | | | | | | | | 48 | | | |
| Atrophy | | | | | | | | | | | 2 | | 2 | | | | | | | | | | 6 2.3 | | | | | | |
| Hyperplasia, Lymphoid | 2 | | 2 | | 2 | | | | | | | | | | | | 2 | | 1 | 2 | | 3 | 1 | 3 | | 3 | 3 | 13 2.2 | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|
| Mammary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | 48 |
|---------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|

* .. 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
Page 178

TDMS No. 20311 - 02

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: 16:30:20

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

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 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 9 | 5 | 5 | 9 | 0 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 |
| | | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 3 | 6 | 8 | 1 | 8 | 3 | 0 | 0 | 0 | 9 | 9 | 9 | 8 |
| C57BL/6N XC3H/HEN MTV-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 |
| ANIMAL ID | | 0 | 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 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| AZTM/3TCM/NFVM/0 | | 4 | 0 | 0 | 5 | 5 | 5 | 3 | 3 | 9 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 7 | 7 | |
| | | 9 | 3 | 4 | 2 | 3 | 4 | 5 | 7 | 8 | 1 | 2 | 4 | 3 | 7 | 2 | 8 | 9 | 0 | 1 | 4 | 8 | 9 |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | |

Alveolus, Hyperplasia 3 2.0

Skin 48

MUSCULOSKELETAL SYSTEM

Bone, Femur 49

NERVOUS SYSTEM

Brain, Brain Stem Compression 48 3 3.0

Brain, Cerebellum Ventricle, Dilatation 48 1 2.0

Brain, Cerebrum Mineralization Ventricle, Dilatation 48 18 1.0 1 2.0

RESPIRATORY SYSTEM

Lung Congestion Crystals Infiltration Cellular, Histiocyte 47 1 3.0 1 2.0 4 2.0

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 9 | 5 | 5 | 9 | 0 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 3 | 6 | 8 | 1 | 8 | 3 | 0 | 0 | 0 | 0 | 9 | 9 | 9 | 9 | 9 | 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 FEMALE | 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 | |
| ANIMAL ID | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| AZTM/3TCM/NFVM/0 | 4 | 0 | 0 | 5 | 5 | 5 | 3 | 3 | 9 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 9 | 3 | 4 | 2 | 3 | 4 | 5 | 7 | 8 | 1 | 2 | 4 | 3 | 7 | 2 | 8 | 9 | 0 | 1 | 4 | 8 | 9 | 7 | 8 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |

| | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|-----|
| Infiltration Cellular, Lymphocyte | 2 | 2 | 2 | 1 | 1 | 2 | 9 | 1.7 |
| Alveolar Epithelium, Hyperplasia | | | | | | | 1 | 3.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Nose | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Trachea | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|-------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Bilateral, Cataract | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|-------|
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|--------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | |
| Hydronephrosis | | | | | | | | | 4 | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | 1 | 1 | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | 15 1.2 |
| Inflammation, Chronic Active | | | | | | | | 4 | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Nephropathy | | | 2 | | | 1 | | 1 | | 1 | 1 | | | | | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 1 | 1 | 1 | | 23 1.2 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

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

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|--------|
| DAY ON TEST | 0741 | 0744 | 0744 | 0744 | 0744 | 0744 | 0744 | 0746 | 0746 | 0743 | 0746 | 0748 | 0741 | 0748 | 0743 | 0740 | 0740 | 0740 | 0743 | 0743 | 0743 | 0743 | 0743 | 0748 | 0749 | 0749 | 0749 | 0748 | |
| C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE | 0094 | 0090 | 0090 | 0090 | 0090 | 0090 | 0090 | 0091 | 0091 | 0091 | 0092 | 0092 | 0092 | 0092 | 0092 | 0092 | 0092 | 0092 | 0093 | 0093 | 0093 | 0093 | 0093 | 0097 | 0097 | 0097 | 0097 | 0098 | |
| AZTM/3TCM/NFVM/0 | 9342 | 3423 | 4234 | 2345 | 3456 | 4567 | 5678 | 1281 | 2242 | 3272 | 4372 | 5728 | 1722 | 2892 | 3011 | 4121 | 8901 | 1414 | 8489 | 9787 | 7878 | 8877 | 9788 | 9788 | 9788 | 9788 | 9788 | * TOTALS | |
| Infiltration Cellular, Lymphocyte | 1 | 2 | | | | | 2 | | | 1 | | 2 | 1 | 1 | 1 | | | | | | | | | | | | | 2 | 23 1.3 |

* .. 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 181

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 20311 - 02

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: 16:30:20

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

Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | 8 | 0 | 3 | 5 | 9 | 0 | 2 | 3 | 7 | 6 | 8 | 8 | 8 | 0 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | | |
| | 9 | 8 | 9 | 5 | 1 | 1 | 7 | 8 | 1 | 4 | 1 | 4 | 5 | 0 | 3 | 0 | 0 | 7 | 6 | 7 | 7 | 0 | 0 | 0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-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 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | | |
| ANIMAL ID | 4 | 4 | 5 | 7 | 0 | 1 | 5 | 6 | 9 | 0 | 2 | 3 | 4 | 6 | 7 | 0 | 0 | 8 | 8 | 4 | 4 | 8 | 8 | | | |
| AZTL/3TCL/NFVL/0 | 4 | 8 | 6 | 1 | 8 | 4 | 6 | 3 | 6 | 0 | 4 | 6 | 3 | 8 | 7 | 2 | 0 | 4 | 5 | 2 | 3 | 4 | 5 | | | |

females (cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder
Infiltration Cellular, Lymphocyte | A | A | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Hyperplasia, Lymphoid | A | A | + | + | + | A | + | A | + | + | + | A | + | 2 | + | + | + | + | + | 2 | 2 | + | + |
| Intestine Large, Colon | A | A | + | + | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | A | A | + | + | + | A | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | A | A | + | + | + | A | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | A | A | + | + | + | A | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid
Epithelium, Hyperplasia | A | A | + | + | + | A | + | A | + | + | + | A | + | 2 | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | 4 | | | 1 | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | 1 | 1 | | | | | | | | | | | 1 | | | | 1 | | 1 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 Page 182

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 7 | | | | | | | | | | | | | | | | | | | | | | | |
| ANIMAL ID | 8 0 3 5 9 0 2 3 7 6 8 8 8 0 0 2 3 3 3 3 3 4 4 4 3 | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 8 9 5 1 1 7 8 1 4 1 4 5 0 3 0 0 7 6 7 7 0 0 0 9 | | | | | | | | | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR MICE FEMALE | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 0 0 0 1 1 1 1 1 1 2 2 2 2 3 5 5 6 6 6 6 6 6 7 | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 4 5 7 0 1 5 6 9 0 2 3 4 6 7 0 0 8 8 4 4 8 8 8 8 | | | | | | | | | | | | | | | | | | | | | | | |
| AZTL/3TCL/NFVL/0 | 4 8 6 1 8 4 6 3 6 0 4 6 3 8 7 2 0 4 5 2 3 4 5 6 7 | | | | | | | | | | | | | | | | | | | | | | | |

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Inflammation, Chronic Active Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Vacuolization Cytoplasmic | 2 | 1 | 2 | 1 | 1 | | | | | | | | | | | | | | | | | | | 4 | 1 | 1 | 1 |
| Mesentery Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | + | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Pancreas | A | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Salivary Glands | A | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Stomach, Forestomach | A | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | A | A | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | | | |

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 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 0 | 3 | 5 | 9 | 0 | 2 | 3 | 7 | 6 | 8 | 8 | 8 | 0 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 3 |
| | 9 | 8 | 9 | 5 | 1 | 1 | 7 | 8 | 1 | 4 | 1 | 4 | 5 | 0 | 3 | 0 | 0 | 7 | 6 | 7 | 7 | 0 | 0 | 0 | 0 | 9 |
| C57BL/6N XC3H/HEN MTV-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 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 |
| AZTL/3TCL/NFVL/0 | 4 | 4 | 5 | 7 | 0 | 1 | 5 | 6 | 9 | 0 | 2 | 3 | 4 | 6 | 7 | 0 | 0 | 8 | 8 | 4 | 4 | 8 | 8 | 8 | 8 | 8 |
| | 4 | 8 | 6 | 1 | 8 | 4 | 6 | 3 | 6 | 0 | 4 | 6 | 3 | 8 | 7 | 2 | 0 | 4 | 5 | 2 | 3 | 4 | 5 | 6 | 7 | 7 |

females (cont...)

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

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|---|
| Adrenal Cortex | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Subcapsular, Hyperplasia | | | | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | | | 2 | 2 | 1 | 2 | | |
| Adrenal Medulla | M | A | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Islets, Pancreatic | A | M | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Parathyroid Gland | A | A | + | + | + | + | + | A | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + |
| Pituitary Gland | M | M | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2 | |
| Thyroid Gland | A | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 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 184

TDMS No. 20311 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 8 | 0 | 3 | 5 | 9 | 0 | 2 | 3 | 7 | 6 | 8 | 8 | 8 | 0 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 3 |
| | 9 | 8 | 9 | 5 | 1 | 1 | 7 | 8 | 1 | 4 | 1 | 4 | 5 | 0 | 3 | 0 | 0 | 7 | 6 | 7 | 7 | 0 | 0 | 0 | 9 | |
| C57BL/6N XC3H/HEN MTV-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 | |
| | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | |
| AZTL/3TCL/NFVL/0 | 4 | 4 | 5 | 7 | 0 | 1 | 5 | 6 | 9 | 0 | 2 | 3 | 4 | 6 | 7 | 0 | 8 | 8 | 4 | 4 | 8 | 8 | 8 | 8 | 8 | |
| | 4 | 8 | 6 | 1 | 8 | 4 | 6 | 3 | 6 | 0 | 4 | 6 | 3 | 8 | 7 | 2 | 0 | 4 | 5 | 2 | 3 | 4 | 5 | 6 | 7 | |
| Bone Marrow | A | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | 3 | | | | | | | | | | 2 | | | | | | | | | | | | |
| Lymph Node | + | + | | | + | M | + | + | | | + | | + | + | + | + | | | | + | | | | | | |
| Axillary, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | 2 | | | | | 2 | | | | | | | | | 1 | | | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | 1 | | | | | | | 2 | | | | | | | 1 | | | | | 2 | 2 | 3 | |
| Infiltration Cellular, Plasma Cell | | | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hematopoietic Cell Proliferation | | | | 3 | | 2 | | | | | | 3 | | | | | 3 | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | 3 | | | | | 3 | | | | | | | 3 | | 2 | | | | 3 | 4 | 2 | |
| Thymus | A | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | |
| Atrophy | | | | 2 | | | 4 | | | | 2 | 2 | | 3 | | 3 | 3 | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | 2 | | | | | | | | | | | | | | | | | | | | | |

**females
(cont...)**

INTEGUMENTARY SYSTEM

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

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

| C57BL/6N XC3H/HEN MTV-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 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | |
| AZTL/3TCL/NFVL/0 | 4 | 4 | 5 | 7 | 0 | 1 | 5 | 6 | 9 | 0 | 2 | 3 | 4 | 6 | 7 | 0 | 0 | 8 | 8 | 4 | 4 | 8 | 8 | 8 | |
| ANIMAL ID | 4 | 8 | 6 | 1 | 8 | 4 | 6 | 3 | 6 | 0 | 4 | 6 | 3 | 8 | 7 | 2 | 0 | 4 | 5 | 2 | 3 | 4 | 5 | 6 | 7 |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland
Lactation
Alveolus, Hyperplasia | A | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin
Infiltration Cellular, Lymphocyte | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem
Compression | A | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 2 | + | + | 2 |
| Brain, Cerebellum
Hemorrhage | A | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Brain, Cerebrum
Cyst Epithelial Inclusion
Hemorrhage
Mineralization | A | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | | | 1 | |

RESPIRATORY 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 187

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 8 | 0 | 3 | 5 | 9 | 0 | 2 | 3 | 7 | 6 | 8 | 8 | 8 | 0 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | | | | | |
| | 9 | 8 | 9 | 5 | 1 | 1 | 7 | 8 | 1 | 4 | 1 | 4 | 5 | 0 | 3 | 0 | 0 | 7 | 6 | 7 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-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 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AZTL/3TCL/NFVL/0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 4 | 4 | 5 | 7 | 0 | 1 | 5 | 6 | 9 | 0 | 2 | 3 | 4 | 6 | 7 | 0 | 0 | 8 | 8 | 4 | 4 | 4 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 4 | 8 | 6 | 1 | 8 | 4 | 6 | 3 | 6 | 0 | 4 | 6 | 3 | 8 | 7 | 2 | 0 | 4 | 5 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyaline Droplet | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Nephropathy | | | | | | | | 1 | | 1 | 1 | 3 | | 1 | 2 | 4 | | 2 | | 1 | 1 | | 2 | 1 | | | | | | | | | | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | A | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | 1 | 1 | | 1 | | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

females
(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

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | 1 | | | | | | | 1 1.0 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 2.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Infiltration Cellular, Lymphocyte | | 2 | 1 | 1 | | 1 | | | | | | 1 | 1 | | | | | | | 1 | | 1 | | | 13 1.1 |

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 4 | 8 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | | |
| | 9 | 9 | 8 | 9 | 2 | 2 | 1 | 1 | 3 | 4 | 7 | 7 | 7 | 7 | 0 | 9 | 9 | 8 | 1 | 1 | 9 | 0 | 8 | 6 | | |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| ANIMAL ID | 8 | 8 | 9 | 4 | 5 | 5 | 5 | 0 | 5 | 3 | 4 | 4 | 9 | 0 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 7 | 7 | | | |
| AZTL/3TCL/NFVL/0 | 8 | 9 | 0 | 6 | 0 | 1 | 2 | 3 | 5 | 6 | 9 | 0 | 1 | 2 | 1 | 9 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 2 | * TOTALS | |
| Inflammation, Chronic Active
Mixed Cell Focus
Necrosis
Tension Lipidosis
Vacuolization Cytoplasmic | | | | | | 1 | | | | 2 | 2 | | 1 | | | 1 | | 2 | 2 | | | | | | 1 2.0
1
3 2.0
6 1.5
19 1.6 | |
| Mesentery
Hemorrhage
Fat, Necrosis | | | | | | | | | | | | | | + | + | | | | + | | | | | | 7
1 2.0
5 3.4 | |
| Pancreas
Cytoplasmic Alteration
Infiltration Cellular, Lymphocyte
Acinus, Degeneration
Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | 47
1 2.0
19 1.3
3 3.7
1 3.0 | |
| Salivary Glands
Infiltration Cellular, Lymphocyte
Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | 47
36 1.7
1 2.0 | |
| Stomach, Forestomach
Ulcer
Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 47
1 2.0
1 2.0 | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | 46 | |

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 - 02

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: 16:30:20

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

Lab: NCTR

| DAY ON TEST | 0
7
3
9 | 0
7
3
9 | 0
7
3
8 | 0
7
3
9 | 0
7
4
2 | 0
7
4
2 | 0
7
4
1 | 0
7
4
1 | 0
7
4
3 | 0
7
4
4 | 0
7
4
7 | 0
7
4
7 | 0
6
4
7 | 0
6
8
7 | 0
6
3
7 | 0
7
3
9 | 0
7
3
9 | 0
7
3
8 | 0
7
4
1 | 0
7
4
1 | 0
7
3
9 | 0
7
4
0 | 0
7
3
8 | 0
7
3
6 | 0
7
3
6 | 0
7
3
6 | 0
7
3
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 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 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 |
| AZTL/3TCL/NFVL/0 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID | 8 | 8 | 9 | 4 | 5 | 5 | 5 | 0 | 5 | 3 | 4 | 4 | 9 | 0 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 2 | 3 | * TOTALS | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cardiomyopathy | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | 1 3.0 |
| Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | X | | | | | | | | | | X | | | | | | | 2 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Subcapsular, Hyperplasia | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | | | | 47 1.9 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Parathyroid Gland | + | + | + | M | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | M | + | + | + | + | + | + | 42 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Pars Distalis, Angiectasis | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | 1 3.0 |
| Pars Distalis, Hyperplasia | 1 | | | 1 | | | | | | 1 | 2 | | | | | | 2 | | 2 | 2 | | | | | | | | 11 1.7 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | 1 | | | | | | | | | | | 1 | 1 | | | | | | | | 5 1.2 |
| Polyarteritis | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | 1 2.0 |
| Follicle, Degeneration | | 1 | | | | 1 | | | | | | | | | | | | | 1 | 2 | | | | | | | | 7 1.1 |

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

TDMS No. 20311 - 02
 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: 16:30:20
First Dose M/F: NA / 07/10/03
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 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 4 | 8 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 3 |
| | 9 | 9 | 8 | 9 | 2 | 2 | 1 | 1 | 3 | 4 | 7 | 7 | 7 | 7 | 0 | 9 | 9 | 8 | 1 | 1 | 9 | 0 | 8 | 6 | 6 | 6 |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 8 | 8 | 9 | 4 | 5 | 5 | 5 | 5 | 0 | 5 | 3 | 4 | 4 | 9 | 0 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 |
| AZTL/3TCL/NFVL/0 | 8 | 9 | 0 | 6 | 0 | 1 | 2 | 3 | 5 | 6 | 9 | 0 | 1 | 2 | 1 | 9 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 2 | 3 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Abdominal, Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Abdominal, Keratin Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|-------|
| Clitoral Gland Degeneration | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| | 3 | 3 | 2 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | | | | 3 | 4 | 3 | 4 | 2 | 3 | | 4 | 3 | 4 | | 42 3.6 | |
| Ovary Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| | 4 | | 3 | 3 | 3 | 3 | 4 | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | | | | 40 3.1 | |
| Cyst | 4 | | | | | | | | | 4 | | | 2 | 4 | 4 | 4 | 4 | 4 | 2 | | | | | | | | 13 3.4 | |
| Cyst Dermoid | | | | | | | | | 4 | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | 2 | | | | | | | | | | 3 | | | | | | | | | | | | | | | | 2 2.5 | |
| Bilateral, Cyst | | | | | | | | | | | | | | | | | | 3 | | | | | 4 | | | | 3 3.7 | |
| Uterus Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Hydrometra | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 | |
| Endometrium, Hyperplasia, Cystic | | | 2 | 1 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 2 | 2 | 2 | 6 4.0 |

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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 4 | 8 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | |
| | 9 | 9 | 8 | 9 | 2 | 2 | 1 | 1 | 3 | 4 | 7 | 7 | 7 | 7 | 7 | 0 | 9 | 9 | 8 | 1 | 1 | 9 | 0 | 8 | |
| C57BL/6N XC3H/HEN MTV-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 | | |
| AZTL/3TCL/NFVL/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 | 8 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | 8 | 8 | 9 | 4 | 5 | 5 | 5 | 0 | 5 | 3 | 4 | 4 | 9 | 0 | 0 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 7 | | |
| | 8 | 9 | 0 | 6 | 0 | 1 | 2 | 3 | 5 | 6 | 9 | 0 | 1 | 2 | 1 | 9 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | * TOTALS | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| Hyperplasia | | | | | | | | | | | | | | | | 2 | | | | | | | | 3 2.3 | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | 13 | |
| Axillary, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 | |
| Lumbar, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Lumbar, Polyarteritis | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 13 2.1 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Hyperplasia, Lymphoid | 2 | 2 | 4 | 3 | 2 | | 1 | 2 | 2 | 2 | 1 | | 3 | 2 | | | | 2 | 2 | | 3 | 2 | 2 | 27 2.1 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | 4 3.0 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | 12 2.7 | |
| Hyperplasia, Lymphoid | 3 | 3 | 4 | 4 | 3 | | 2 | 4 | 3 | 3 | 2 | | 4 | 4 | | | | 2 | 3 | 3 | 4 | 4 | 3 | 32 3.2 | |
| Thymus | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 44 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 18 2.7 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 8 2.3 | |

INTEGUMENTARY SYSTEM

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

TDMS No. 20311 - 02
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: 16:30:20
First Dose M/F: NA / 07/10/03
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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 4 | 8 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | |
| | 9 | 9 | 8 | 9 | 2 | 2 | 1 | 1 | 3 | 4 | 7 | 7 | 7 | 7 | 7 | 0 | 9 | 9 | 8 | 1 | 1 | 9 | 0 | 8 | 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 | 0 | 0 | |
| MICE FEMALE | 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 | |
| AZTL/3TCL/NFVL/0 | 7 | 7 | 7 | 8 | 9 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| ANIMAL ID | 8 | 8 | 9 | 4 | 5 | 5 | 5 | 5 | 0 | 5 | 3 | 4 | 4 | 9 | 0 | 0 | 3 | 3 | 3 | 6 | 6 | 6 | 6 | 7 | 7 | | |
| | 8 | 9 | 0 | 6 | 0 | 1 | 2 | 3 | 5 | 6 | 9 | 0 | 1 | 2 | 1 | 9 | 5 | 6 | 7 | 5 | 6 | 7 | 8 | 2 | 3 | * TOTALS | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|--------------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Crystals | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | 1 | | | | 1 | 1 | | 2 | | | 1 | | | 2 | | | | 1 | | | 14 1.4 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|--|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | | | | | | | | | | | | | | 4 1.3 | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.5 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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 196

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

females (cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + |
| Gallbladder | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum Serosa, Hyperplasia | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum Inflammation, Chronic Active | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum Hyperplasia, Lymphoid | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver Basophilic Focus | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Liver Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Liver Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Liver Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

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

| | DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5 | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| | | 3 | 4 | 7 | 6 | 6 | 1 | 6 | 9 | 5 | 4 | 7 | 5 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | |
| | | 3 | 4 | 7 | 6 | 6 | 1 | 6 | 9 | 5 | 4 | 7 | 5 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 7 | 7 | 7 | |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | |
| SOLVENT to 0 | ANIMAL ID | 5 | 5 | 8 | 7 | 7 | 8 | 1 | 1 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | 8 | 4 | |
| | | 5 | 9 | 8 | 0 | 1 | 7 | 1 | 6 | 0 | 1 | 1 | 2 | 5 | 6 | 7 | 8 | 6 | 7 | 8 | 9 | 6 | 7 | 8 | 5 |

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Heart Inflammation, Suppurative | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Accessory Adrenal Cortical Nodule Hypertrophy | | | | | | | | | | | | | | X | | | | | X | | X | | | | | | |
| Vacuolization Cytoplasmic Subcapsular, Hyperplasia | | | 1 | 2 | 2 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | | |
| Adrenal Medulla | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Islets, Pancreatic Hyperplasia Infiltration Cellular, Lymphocyte | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Parathyroid Gland Cyst Hypertrophy | A | M | + | + | A | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | M | M | + | + | + | + | |
| Pituitary Gland Pars Distalis, Angiectasis Pars Distalis, Cyst Pars Distalis, Hyperplasia | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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
Page 200
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 2 | 3 | 6 | 3 | 4 | 6 | 6 | 6 | 8 | 8 | 8 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 3 | 4 | 7 | 6 | 6 | 1 | 6 | 9 | 5 | 4 | 7 | 5 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 |
| | ANIMAL ID | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | |
| SOLVENT to 0 | | 5 | 5 | 8 | 7 | 7 | 8 | 1 | 1 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | 8 | 8 | 4 |
| | | 5 | 9 | 8 | 0 | 1 | 7 | 1 | 6 | 0 | 1 | 1 | 2 | 5 | 6 | 7 | 8 | 6 | 7 | 8 | 9 | 6 | 7 | 8 | 5 | |

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Thyroid Gland | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte Follicle, Degeneration | | | | | | | | | | | | | 1 | | 2 | | | | | | | | | | | |
| Follicular Cell, Hypertrophy | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abdominal, Inflammation, Chronic Active | | | | | | | | | | + | | | | | | | | | | | | | | | | | |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Degeneration | | | 4 | 4 | | 4 | 4 | 4 | 4 | | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 |
| Ovary | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | 2 | 3 | | 4 | 3 | 3 | 3 | 2 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 2 | 4 | 3 | 3 |
| Cyst | | | 4 | | | | | 2 | | | | | 3 | 3 | | | | | | | | 2 | | 3 | | |
| Bilateral, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hydrometra | | | | | | 4 | | | 4 | | | | | | | | | | 4 | | | | | | | 4 |
| Endometrium, Hyperplasia, Cystic | | 1 | 3 | 2 | | | 3 | 2 | | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 4 | 4 | 3 | | 3 | 2 | 4 | 3 | | |

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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 2 | 3 | 6 | 3 | 4 | 6 | 6 | 6 | 8 | 8 | 8 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 3 | 4 | 7 | 6 | 6 | 1 | 6 | 9 | 5 | 4 | 7 | 5 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 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 | |
| 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 | |
| SOLVENT to 0 | ANIMAL ID | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | |
| | | 5 | 5 | 8 | 7 | 7 | 8 | 1 | 1 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 8 | 8 | 8 | 4 | |
| | | 5 | 9 | 8 | 0 | 1 | 7 | 1 | 6 | 0 | 1 | 1 | 2 | 5 | 6 | 7 | 8 | 6 | 7 | 8 | 9 | 6 | 7 | 8 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | 2 | 1 | | | | | 2 | 2 | | 3 | 1 | 2 | | | 3 | | | | | 2 | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Thrombosis | | 4 | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Autolysis | | 4 | | | | | | | | | | | | | | | | | | | | | | | |
| Erythrophagocytosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | 4 | 4 | | 3 | | 4 | | 3 | 4 | | 3 | | | | 3 | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | 2 | | 3 | | 4 | | 3 | 3 | 3 | 3 | 2 | 2 | | | 2 | | | 4 | |
| Thymus | A | M | M | + | A | M | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | 2 | | | | | 2 | 3 | 3 | | 3 | 2 | | | 2 | 4 | | 3 | |

females
(cont...)

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lactation | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

MUSCULOSKELETAL SYSTEM

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

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

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 203

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

females (cont...)

Skeletal Muscle

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem
Compression
Hemorrhage | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| Brain, Cerebellum | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum
Mineralization | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung
Crystals
Hemorrhage | + | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | 2 | | | | | | | 3 | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | 1 | | | | | 2 | | 1 | | | 1 | | 1 | | | 2 | 1 | | 2 | 2 | | 1 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | 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 204

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 2 | 3 | 6 | 3 | 4 | 6 | 6 | 6 | 8 | 8 | 8 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 4 | 7 | 6 | 6 | 1 | 6 | 9 | 5 | 4 | 7 | 5 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 |
| SOLVENT to 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 |
| ANIMAL ID | 5 | 5 | 8 | 7 | 7 | 8 | 1 | 1 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 8 | 8 | 8 | 8 | 4 | 4 | 4 |
| | 5 | 9 | 8 | 0 | 1 | 7 | 1 | 6 | 0 | 1 | 1 | 2 | 5 | 6 | 7 | 8 | 6 | 7 | 8 | 9 | 6 | 7 | 8 | 5 | 5 |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nose
Inflammation, Suppurative | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye
Cornea, Inflammation, Chronic Active | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland
Infiltration Cellular, Lymphocyte | A | A | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | 1 | | | | | | | 1 | | | | | | | | 1 | | | | | | | 1 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney
Amyloid Deposition | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | | | 2 | | | | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | 2 | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Nephropathy | | 4 | 2 | 1 | | | | | | | | 1 | | | | | | 1 | | 1 | 1 | | 2 | 1 | |
| Urinary Bladder
Infiltration Cellular, Lymphocyte | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lumen, Dilatation | | | | | | | | | 1 | | | | 1 | | 1 | | 1 | 1 | | | 2 | 1 | | 1 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 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 |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 |
| | | 7 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 0 | 9 | 9 | 1 | 0 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 | 5 | 9 |
| C57BL/6N XC3H/HEN MTV-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 |
| SOLVENT 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 | | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 4 | 2 | 2 | 3 | 5 | 9 | 9 | 4 | 4 | 4 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 9 | 0 | 0 | 8 |
| | | 6 | 8 | 9 | 0 | 9 | 1 | 2 | 3 | 7 | 8 | 9 | 3 | 4 | 4 | 5 | 6 | 7 | 6 | 7 | 7 | 9 | 0 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | | | | | | | | | | | | | | | | | | | | | | | | 4 |

females
(cont...)

ALIMENTARY SYSTEM

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

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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 5 | 5 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 7 |
| | 7 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 0 | 9 | 9 | 1 | 0 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 | 5 | 5 | 9 | 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 |
| MICE FEMALE | 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 |
| SOLVENT to 0 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| ANIMAL ID | 4 | 2 | 2 | 3 | 5 | 9 | 9 | 9 | 4 | 4 | 4 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 9 | 0 | 5 | 9 | 0 | 8 | 8 |
| | 6 | 8 | 9 | 0 | 9 | 1 | 2 | 3 | 7 | 8 | 9 | 3 | 4 | 4 | 5 | 6 | 7 | 6 | 7 | 7 | 9 | 0 | 1 | 3 | 4 |
| Infiltration Cellular, Lymphocyte | 1 | | | 1 | 1 | | | | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | 1 | 1 | | | 1 | |
| Inflammation, Chronic Active | | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | X | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Tension Lipidosis | 1 | | | | | | 1 | | | | | 1 | | | | | | | | | | 1 | | | |
| Vacuolization Cytoplasmic | 2 | 2 | 1 | 2 | | | 2 | | 2 | 1 | 2 | | | | 2 | | 1 | | | 2 | 1 | 2 | | 1 | |
| Mesentery | | | | + | | | | | | | | | | | | | | + | + | | | | | | |
| Fat, Necrosis | | | | 3 | | | | | | | | | | | | | | 4 | 2 | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | | 1 | 1 | | | 1 | | 1 | 1 | | 1 | | | | | 1 | | | 1 | | | | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | 2 | | 2 | 1 | 2 | 2 | 1 | | 1 | 2 | | 1 | 1 | 1 | | 2 | 2 | | 1 | 2 | 2 | 2 | 2 | 2 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | 1 | | | |

females
(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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 7 | |
| | 7 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 0 | 9 | 9 | 1 | 0 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 | 5 | 5 | 9 | 9 |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | |
| SOLVENT to 0 | 4 | 2 | 2 | 3 | 5 | 9 | 9 | 9 | 4 | 4 | 4 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 9 | 0 | 0 | 8 | 8 | |
| ANIMAL ID | 6 | 8 | 9 | 0 | 9 | 1 | 2 | 3 | 7 | 8 | 9 | 3 | 4 | 4 | 5 | 6 | 7 | 6 | 7 | 7 | 9 | 0 | 1 | 3 | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule | | | | | X | | | | | | | | | | | | | | | | | | | |
| Hypertrophy | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | | |
| Subcapsular, Hyperplasia | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 2 | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Cyst | | | | | | 3 | 3 | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 7 |
| | 7 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 0 | 9 | 9 | 1 | 0 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 | 5 | 5 | 9 | 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 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 |
| SOLVENT to 0 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| ANIMAL ID | 4 | 2 | 2 | 3 | 5 | 9 | 9 | 9 | 4 | 4 | 4 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 9 | 0 | 0 | 1 | 1 | 1 |
| | 6 | 8 | 9 | 0 | 9 | 1 | 2 | 3 | 7 | 8 | 9 | 3 | 4 | 4 | 5 | 6 | 7 | 6 | 7 | 7 | 9 | 0 | 1 | 3 | 4 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicular Cell, Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | |

females (cont...)

GENERAL BODY SYSTEM

Tissue NOS Abdominal, Inflammation, Chronic Active

+ 4

GENITAL SYSTEM

Clitoral Gland Degeneration

+ + + M +

Ovary Atrophy Cyst Bilateral, Cyst

+ + + + + + + M +

Uterus Hydrometra Endometrium, Hyperplasia, Cystic

+ +

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 209

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 5 | 5 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 7 |
| | 7 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 0 | 9 | 9 | 1 | 0 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 | 5 | 5 | 9 | 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 |
| MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| SOLVENT to 0 | 4 | 2 | 2 | 3 | 5 | 9 | 9 | 4 | 4 | 4 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 9 | 0 | 0 | 8 | 8 | |
| | 6 | 8 | 9 | 0 | 9 | 1 | 2 | 3 | 7 | 8 | 9 | 3 | 4 | 4 | 5 | 6 | 7 | 6 | 7 | 7 | 9 | 0 | 1 | 3 | 4 |
| Bone Marrow
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node
Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Axillary, Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bronchial, Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Iliac, Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumbar, Infiltration Cellular,
Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal, Infiltration Cellular,
Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sinus, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular
Autolysis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Erythrophagocytosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric
Autolysis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

females
(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

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 7 |
| | 7 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 0 | 9 | 9 | 1 | 0 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 | 5 | 5 | 9 | 9 | |
| C57BL/6N XC3H/HEN MTV-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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | |
| SOLVENT to 0 | 4 | 2 | 2 | 3 | 5 | 9 | 9 | 9 | 4 | 4 | 4 | 0 | 0 | 5 | 5 | 5 | 5 | 0 | 0 | 5 | 9 | 0 | 0 | 8 | 8 | |
| ANIMAL ID | 6 | 8 | 9 | 0 | 9 | 1 | 2 | 3 | 7 | 8 | 9 | 3 | 4 | 4 | 5 | 6 | 7 | 6 | 7 | 7 | 9 | 0 | 1 | 3 | 4 | |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|---|--|--|---|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|
| Hyperplasia, Lymphoid | | | | | | 1 | | | 3 | | | | | | | 2 | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Autolysis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Erythrophagocytosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | 3 | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 3 | 3 | | | | 2 | | | 4 | | | 3 | 3 | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thymus | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | 2 | | | | 3 | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lactation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

MUSCULOSKELETAL SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 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 211

| 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 |
|-----------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|----------|---|---|
| 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 | 5 | 5 |
| DAY ON TEST | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 7 |
| DAY ON TEST | | 7 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 0 | 9 | 9 | 1 | 0 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 | 5 | 5 | 9 | 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 | |
| MICE FEMALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| SOLVENT to 0 | | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | | |
| ANIMAL ID | | 4 | 2 | 2 | 3 | 5 | 9 | 9 | 4 | 4 | 4 | 0 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 9 | 0 | 8 | 8 | 8 | | |
| ANIMAL ID | | 6 | 8 | 9 | 0 | 9 | 1 | 2 | 3 | 7 | 8 | 9 | 3 | 4 | 4 | 5 | 6 | 7 | 6 | 7 | 7 | 9 | 0 | 1 | | |
| | | | | | | | | | | | | | | | | | | | | | | | 3 | 4 | | |

females (cont...)

Skeletal Muscle +

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|--|--|---|---|--|---|---|--|---|--|---|--|--|---|---|--|---|---|--|---|
| Brain, Brain Stem | + | | | | | | | | | | | | | | | | | | | | | | | |
| Compression | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Cerebellum | + | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Cerebrum | + | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | 1 | 1 | 1 | 1 | | | 1 | 1 | | 1 | 1 | | 1 | | 1 | | | 1 | 1 | | 1 | 1 | | 1 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|---|---|--|--|--|--|--|--|--|---|--|---|--|--|---|---|
| Lung | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Crystals | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Hemorrhage | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 |
| Infiltration Cellular, Lymphocyte | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | 1 | 2 | | | | | | | | 2 | | 1 | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 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 | 5 | 5 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 7 |
| | 7 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 0 | 9 | 9 | 1 | 0 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 5 | 5 | 5 | 9 | 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 |
| MICE FEMALE | 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 |
| SOLVENT to 0 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| ANIMAL ID | 4 | 2 | 2 | 3 | 5 | 9 | 9 | 9 | 4 | 4 | 4 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 9 | 0 | 5 | 9 | 0 | 8 | 8 |
| | 6 | 8 | 9 | 0 | 9 | 1 | 2 | 3 | 7 | 8 | 9 | 3 | 4 | 4 | 5 | 6 | 7 | 6 | 7 | 7 | 9 | 0 | 1 | 3 | 4 |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nose
Inflammation, Suppurative | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye
Cornea, Inflammation, Chronic Active | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland
Infiltration Cellular, Lymphocyte | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | 1 | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney
Amyloid Deposition | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Lymphocyte | 1 | 1 | | | | 1 | 1 | 1 | 1 | | | 1 | | | | | | | | | | | 1 | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | 1 | 1 | 2 | | | | | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | 1 | | | 1 |
| Urinary Bladder
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Lumen, Dilatation | | | | | | | 1 | 1 | 1 | 1 | | 1 | 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 |
| | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 9 | 0 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 9 | 7 | 0 | 0 | 9 | 9 | 9 | 0 | 0 | 9 | 9 | 7 | 5 | |
| | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR
MICE FEMALE | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID | 8 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| SOLVENT to 0 | 6 | 5 | 8 | 4 | 6 | 7 | 2 | 3 | 9 | 0 | 1 | 4 | 5 | 6 | |
| | | | | | | | | | | | | | | | * TOTALS |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 62 |
| Gallbladder | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 60 |
| Intestine Large, Cecum
Serosa, Hyperplasia | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 60
1 2.0 |
| Intestine Large, Colon | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 60 |
| Intestine Large, Rectum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 60 |
| Intestine Small, Duodenum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 60 |
| Intestine Small, Ileum
Inflammation, Chronic Active | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 60
1 2.0 |
| Intestine Small, Jejunum
Hyperplasia, Lymphoid | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 60
1 3.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 61 |
| Basophilic Focus | | | | | | | | | | | | | | | | 2 |
| Cyst | | | 2 | | | | | | | | | | | | | 1 2.0 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | 3 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | 2 1.5 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|-----|
| | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 8 | 9 | 0 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | |
| | 3 | 9 | 7 | 0 | 0 | 9 | 9 | 9 | 0 | 0 | 9 | 9 | 7 | 5 | | |
| | | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MICE FEMALE | 1 | 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 | |
| ANIMAL ID | 8 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| SOLVENT to 0 | 6 | 5 | 8 | 4 | 6 | 7 | 2 | 3 | 9 | 0 | 1 | 4 | 5 | 6 | | |
| | | | | | | | | | | | | | | | * TOTALS | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | 18 | 1.1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | 5 | 1.2 |
| Mineralization | | | | | | | | | | | | | | | 1 | 1.0 |
| Mixed Cell Focus | | | | | | | | | | | | | | | 1 | |
| Necrosis | | | | | | | | | | | | | | | 3 | 1.3 |
| Tension Lipidosis | | | | | | | | | | | | | | | 7 | 1.4 |
| Vacuolization Cytoplasmic | 2 | | 1 | 1 | | 2 | | | | 2 | 1 | 1 | | | | |
| | | | | | | | | | | | | | | | 32 | 1.6 |
| | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | 8 |
| Fat, Necrosis | | | | | | | | | | | | | | | 4 | 3.4 |
| | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cyst | | | | | | | | | | | | | | | 62 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | 2 | 2.0 |
| Acinus, Degeneration | | | | | | | | | | | | | | | 23 | 1.0 |
| | | | | | | | | | | | | | | | 2 | 1.5 |
| | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | 1 | | | 2 | 2 | | 2 | 1 | 1 | 1 | 2 | 1 | 1 | | | |
| | | | | | | | | | | | | | | | 62 | |
| | | | | | | | | | | | | | | | 47 | 1.7 |
| | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Ulcer | | | | | | | | | | | | | | | 62 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | 1 | 2.0 |
| | | | | | | | | | | | | | | | 2 | 2.5 |
| | | | | | | | | | | | | | | | | |
| Stomach, Glandular | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | 60 | |
| | | | | | | | | | | | | | | | 1 | 1.0 |

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

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 9 | 0 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 |
| | 3 | 9 | 7 | 0 | 0 | 9 | 9 | 9 | 0 | 0 | 9 | 9 | 7 | 5 |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| SOLVENT to 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID | 8 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 7 |
| | 6 | 5 | 8 | 4 | 6 | 7 | 2 | 3 | 9 | 0 | 1 | 4 | 5 | 6 |
| | * TOTALS | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 62 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 63 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | 1 4.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 61 |
| Accessory Adrenal Cortical Nodule | | | | X | | | | | | X | | | | | 6 |
| Hypertrophy | | | | | | | | | | | | | | | 1 1.0 |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | 3 | | 3 3.0 |
| Subcapsular, Hyperplasia | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | | 60 1.9 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 60 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 62 |
| Hyperplasia | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | 1 1.0 |
| Parathyroid Gland | + | M | + | M | + | + | + | + | + | + | + | + | + | + | 54 |
| Cyst | | | | | | | | | | | | | | | 1 2.0 |
| Hypertrophy | | | | | | | | | | | | | | | 1 2.0 |
| Pituitary Gland | + | + | M | + | + | + | + | + | + | + | + | + | + | + | 60 |
| Pars Distalis, Angiectasis | | 2 | | | | | | | | | | | | | 1 2.0 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | 2 3.0 |
| Pars Distalis, Hyperplasia | | | | | | | 2 | 2 | | 1 | 1 | | | | 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

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 9 | 0 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 9 | 7 | 0 | 0 | 9 | 9 | 9 | 0 | 0 | 9 | 9 | 7 | 5 | |
| | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 1 | 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 |
| ANIMAL ID | 8 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| SOLVENT to 0 | 6 | 5 | 8 | 4 | 6 | 7 | 2 | 3 | 9 | 0 | 1 | 4 | 5 | 6 | |
| | | | | | | | | | | | | | | | * TOTALS |

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|
| Thyroid Gland | A | + | + | M | + | + | + | + | + | + | + | + | + | + | + | 59 | |
| Ectopic Thymus | | | | | | | | | | | | | | | | | 1 1.0 |
| Infiltration Cellular, Lymphocyte | | | | | | 2 | | | | | | | | | | | 2 2.0 |
| Follicle, Degeneration | | | 1 | | 1 | | 1 | | | | | | | | | | 9 1.2 |
| Follicular Cell, Hypertrophy | | | | | | | | | | | | | | | | | 2 1.5 |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | |
|---|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|----------|--------------|
| Tissue NOS | | | | | | | | | | | | | | | | 3 | |
| Abdominal, Inflammation, Chronic Active | | | + | | | | | | | | | | | | | | 1 4.0 |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---------------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 60 | |
| Degeneration | 3 | 3 | 4 | 3 | 2 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | | 55 3.7 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 60 | |
| Atrophy | | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 4 | 3 | 3 | | | 57 3.3 |
| Cyst | | 2 | 2 | 2 | 4 | | 4 | | | | 3 | 4 | 2 | | | | 22 2.7 |
| Bilateral, Cyst | | | | | | | | | 4 | 2 | | | | | | | 3 3.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 62 | |
| Hydrometra | | | | | | | | | | | | | | | | | 9 4.0 |
| Endometrium, Hyperplasia, Cystic | | 2 | 3 | 2 | 4 | 4 | 3 | 3 | 2 | 3 | 4 | 3 | 3 | 3 | | | 52 2.8 |

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 217

TDMS No. 20311 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 8 | 9 | 0 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | |
| | 3 | 9 | 7 | 0 | 0 | 9 | 9 | 9 | 0 | 0 | 9 | 9 | 7 | 5 | | |
| | | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| MICE FEMALE | 1 | 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 | |
| ANIMAL ID | 8 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| SOLVENT to 0 | 6 | 5 | 8 | 4 | 6 | 7 | 2 | 3 | 9 | 0 | 1 | 4 | 5 | 6 | | |
| | | | | | | | | | | | | | | | | * TOTALS |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 61 |
| Hyperplasia | | | | | | | | | | | | | | | | 2 2.5 |
| | | | | | | | | | | | | | | | | |
| Lymph Node | + | + | | | | + | | | | | | | | | | 15 |
| Hemorrhage | | | | | | | | | | | | | | | | 1 2.0 |
| Axillary, Autolysis | | | | | | | | | | | | | | | | 1 4.0 |
| Bronchial, Autolysis | | | | | | | | | | | | | | | | 1 4.0 |
| Iliac, Autolysis | | | | | | | | | | | | | | | | 1 4.0 |
| Lumbar, Autolysis | | | | | | | | | | | | | | | | 1 4.0 |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 3 5 2.6 |
| Lumbar, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | 1 2.0 |
| Lumbar, Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | 2 2.0 |
| Mediastinal, Autolysis | | | | | | | | | | | | | | | | 1 4.0 |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 1 2.0 |
| Renal, Autolysis | | | | | | | | | | | | | | | | 1 4.0 |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 1 2.0 |
| Renal, Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | 1 2.0 |
| Sinus, Dilatation | | | | | | | | | | | | | | | | 1 4.0 |
| | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 61 |
| Autolysis | | | | | | | | | | | | | | | | 1 4.0 |
| Erythrophagocytosis | | | | | | | | | | | | | | | | 1 3.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 2 2 3 2 16 2.0 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | 3 1 3.0 |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | | 1 2.0 |
| | | | | | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 60 |
| Autolysis | | | | | | | | | | | | | | | | 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

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|-----------------|
| | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 9 | 0 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 9 | 7 | 0 | 0 | 9 | 9 | 9 | 0 | 0 | 9 | 9 | 7 | 5 | |
| | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 1 | 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 |
| ANIMAL ID | 8 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| SOLVENT to 0 | 6 | 5 | 8 | 4 | 6 | 7 | 2 | 3 | 9 | 0 | 1 | 4 | 5 | 6 | |
| | | | | | | | | | | | | | | | * TOTALS |
| Hyperplasia, Lymphoid | | | | 3 | 2 | | | | 1 | | | | 1 | 3 | 20 2.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | 1 3.0 |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | 1 3.0 |
| Infiltration Cellular, Polymorphonuclear | | | | | | | | | | | | | | | 1 2.0 |
| Thrombosis | | | | | | | | | | | | | | | 1 4.0 |
| | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Autolysis | | | | | | | | | | | | | | | 62 |
| Erythrophagocytosis | | | | | | | | | | | | | | | 1 4.0 |
| Hematopoietic Cell Proliferation | 2 | | | | | 4 | | | | | 2 | 4 | 3 | 14 3.2 | |
| Hyperplasia, Lymphoid | 2 | | 4 | 2 | 2 | | | | | | 2 | 4 | 3 | 32 2.9 | |
| | | | | | | | | | | | | | | | |
| Thymus | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Atrophy | 3 | | | | | | | | | | | | | | 55 |
| Hyperplasia, Lymphoid | | | 2 | 2 | | | | | | 2 | | | 2 | 13 2.6 | |
| | | | | | | | | | | | | | | | 12 2.0 |
| | | | | | | | | | | | | | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lactation | | | | | | | | | | | | | | | 63 |
| Alveolus, Hyperplasia | | | | 2 | | | | | | | | | | 2 2.5 | |
| | | | | | | | | | | | | | | | 2 3.0 |
| | | | | | | | | | | | | | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | 63 |
| | | | | | | | | | | | | | | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | 64 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| | | | | | | | | | | | | | | | |
|-----------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 9 | 0 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 9 | 7 | 0 | 0 | 9 | 9 | 9 | 0 | 0 | 9 | 9 | 7 | 5 | |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 1 | 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 |
| ANIMAL ID | 8 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| SOLVENT to 0 | 6 | 5 | 8 | 4 | 6 | 7 | 2 | 3 | 9 | 0 | 1 | 4 | 5 | 6 | |
| | * TOTALS | | | | | | | | | | | | | | |

Skeletal Muscle

1

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain, Brain Stem | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Compression | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mineralization | | | | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | |
| | | | | | | | | | | | | | | | |
| Peripheral Nerve | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Crystals | | 4 | | 4 | | | | | | | | | 3 | | |
| Hemorrhage | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | 4 | | 4 | | 2 | | | | | | | 3 | | |
| Infiltration Cellular, Lymphocyte | | | | | | 2 | 2 | | 2 | 1 | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | 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 - 02
 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: 16:30:20
 First Dose M/F: NA / 07/10/03
 Lab: NCTR

| | | | | | | | | | | | | | | | |
|-----------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 9 | 0 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 9 | 7 | 0 | 0 | 9 | 9 | 9 | 0 | 0 | 9 | 9 | 7 | 5 | |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| SOLVENT to 0 | 8 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 6 | 5 | 8 | 4 | 6 | 7 | 2 | 3 | 9 | 0 | 1 | 4 | 5 | 6 | |
| | * TOTALS | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|-----------|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 62 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | 1 2.0 | |
| Trachea | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 61 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|-----------|
| Eye | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 59 |
| Cornea, Inflammation, Chronic Active | | | | | | | | | | | | | | | 1 1.0 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 60 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | 7 1.0 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|---------------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 62 |
| Amyloid Deposition | | | | | | | | | | | | | | | 1 2.0 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | 17 1.2 | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | 2 1.5 | |
| Nephropathy | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | | 31 1.2 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 60 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | 20 1.1 | |
| 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 - 02

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: 16:30:20

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

Lab: NCTR

| | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DAY ON TEST | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 8 | 9 | 0 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 9 | 7 | 0 | 0 | 9 | 9 | 9 | 0 | 0 | 9 | 9 | 7 | 5 | |
| | | | | | | | | | | | | | | | |
| C57BL/6N XC3H/HEN MTV-NCTR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MICE FEMALE | 1 | 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 |
| ANIMAL ID | 8 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| SOLVENT to 0 | 6 | 5 | 8 | 4 | 6 | 7 | 2 | 3 | 9 | 0 | 1 | 4 | 5 | 6 | |
| | | | | | | | | | | | | | | | * TOTALS |

*** 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 222

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked