

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 06/29/2009

Time Report Requested: 16:30:29

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

Lab: NCTR

C Number: C20310C

Lock Date: 12/01/2008

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Female

TDMSE Version: 2.1.0

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

females
(cont...)

INTEGUMENTARY SYSTEM

Mammary Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum Cyst Epithelial Inclusion	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	+	+	+	+	+	+	+	+

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 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 6

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

ALIMENTARY SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion 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 8

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

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

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion 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 9

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion 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 10

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

HEMATOPOIETIC SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

INTEGUMENTARY SYSTEM

Mammary Gland	+	A	24
Skin	+	A	26

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	+	27
Skeletal Muscle	+	+	27

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

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

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

ALIMENTARY SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion 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 20

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

Infiltration Cellular, Lymphocyte		1	1.0
Inflammation, Chronic Active		1	1.0

Salivary Glands	+	26	
Infiltration Cellular, Lymphocyte			7 1.1

Stomach, Forestomach	+	26	
----------------------	---	-----------	--

Stomach, Glandular	+	26	
--------------------	---	-----------	--

CARDIOVASCULAR SYSTEM

Blood Vessel	+	25	
--------------	---	-----------	--

Heart	+	26	
Pericardium, Inflammation, Chronic Active			1 2.0
Pericardium, Mineralization			1 3.0

ENDOCRINE SYSTEM

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

Adrenal Medulla	+	26	
-----------------	---	-----------	--

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 x .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked
 Page 21

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

HEMATOPOIETIC SYSTEM

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

INTEGUMENTARY SYSTEM

Mammary Gland	+		24	
Skin	+		26	

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 23

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

MUSCULOSKELETAL SYSTEM

Bone, Femur	+	26
Skeletal Muscle	+	26

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 24

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

SPECIAL SENSES SYSTEM

Eye	+		26
Harderian Gland	+		26

URINARY SYSTEM

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

* .. Total animals with tissue examined microscopically; Total animals with lesion 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 25

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON 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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
	9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3	3	8	
	8	5	5	3	3	7	6	6	5	5	4	4	4	2	8	8	5	5	5	5	5	5	9	4	3
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5
Vehicle 9 mo F	0	8	9	9	9	3	5	5	5	6	7	7	7	0	1	3	4	1	1	1	1	2	3	4	5
	9	9	0	1	2	3	1	2	3	4	0	6	7	8	0	4	1	6	3	8	9	0	8	0	2
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Atrophy	2																								2
Cyst	4																								

females
(cont...)

NERVOUS SYSTEM

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve Axon, Degeneration	+																								+
	2																								3
Spinal Cord Axon, Degeneration	+																								
	2																								

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

ALIMENTARY SYSTEM

Esophagus	+		26	
Gallbladder	+		25	
Intestine Large, Cecum Hyperplasia, Lymphoid	+		25	2 2.5
Intestine Large, Colon	+		26	
Intestine Large, Rectum	+		25	
Intestine Small, Duodenum	+		26	
Intestine Small, Ileum	+		25	
Intestine Small, Jejunum	+		25	
Liver Tension Lipidosis Vacuolization Cytoplasmic	+		26	3 1.0 6 1.2
Mesentery Hemorrhage			1	1 3.0

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 32

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST			
		0	
		3	
		3	
		6	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR		0	
MICE FEMALE		0	
		6	
		3	
Vehicle 9 mo F	ANIMAL ID	2	
			* TOTALS
Pancreas	+		26
.....			
Salivary Glands	+		26
Infiltration Cellular, Lymphocyte	2		15 1.2
.....			
Stomach, Forestomach	+		26
.....			
Stomach, Glandular	+		25
.....			
CARDIOVASCULAR SYSTEM			
.....			
Blood Vessel	+		26
.....			
Heart	+		26
Inflammation, Chronic Active			1 1.0
.....			
ENDOCRINE SYSTEM			
.....			
Adrenal Cortex	+		26
Subcapsular, Hyperplasia			25 1.0
.....			
Adrenal Medulla	+		25
.....			
Islets, Pancreatic	+		26
.....			
Parathyroid Gland	+		21

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

Pituitary Gland	+		26	
Thyroid Gland Degeneration	+		25	1 1.0

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Clitoral Gland	+		25	
Ovary	+		26	
Uterus	+		26	
Infiltration Cellular, Polymorphonuclear Endometrium, Hyperplasia, Cystic Lumen, Dilatation	1			1 2.0 3 1.3 10 1.2
Vagina	+		25	

HEMATOPOIETIC SYSTEM

Bone Marrow	+		26	
-------------	---	--	-----------	--

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 34

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

Lymph Node			1	
Lumbar, Hyperplasia, Lymphoid				1 2.0
Lymph Node, Mandibular	+		26	
Lymph Node, Mesenteric	+		26	
Hyperplasia, Lymphoid				8 1.4
Spleen	+		26	
Hematopoietic Cell Proliferation				5 2.8
Hyperplasia, Lymphoid				4 2.0
Thymus	+		24	
Hyperplasia, Lymphoid	2			3 2.0

INTEGUMENTARY SYSTEM

Mammary Gland	+		25	
Skin	+		26	

MUSCULOSKELETAL SYSTEM

Bone, Femur	+		26	
-------------	---	--	----	--

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 35

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

Skeletal Muscle	+				26
Atrophy					2 2.0
Cyst					1 4.0

NERVOUS SYSTEM

Brain, Brain Stem	+				26
Brain, Cerebellum	+				26
Brain, Cerebrum	+				26
Peripheral Nerve					2
Axon, Degeneration					2 2.5
Spinal Cord					1
Axon, Degeneration					1 2.0

RESPIRATORY SYSTEM

Lung	+				26
Nose	+				26
Trachea	+				26

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 36

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

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

SPECIAL SENSES SYSTEM

Eye	+		25	
Cataract				1 1.0
.....				
Harderian Gland	+		26	

URINARY SYSTEM

Kidney	+		26	
Casts Protein				1 1.0
Cyst				1 1.0
Infiltration Cellular, Lymphocyte	1			9 1.1
Mineralization				1 1.0
.....				
Urinary Bladder	+		26	
Infiltration Cellular, Lymphocyte				1 1.0

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 37

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	3	2	6
	0	0	0	0
	0	0	0	0
	5	6	5	6
	5	7	5	7
	0	3	0	3
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	0	0
AZT 40 9 mo F	0	0	0	0
				* TOTALS

ALIMENTARY SYSTEM

Esophagus Adventitia, Necrosis	+	+			27	1	2.0
Gallbladder	+	+			26		
Intestine Large, Cecum Hyperplasia, Lymphoid	+	+			27	2	2.0
Intestine Large, Colon	+	+			26		
Intestine Large, Rectum Hyperplasia, Lymphoid	+	+			27	1	2.0
Intestine Small, Duodenum	+	+			27		
Intestine Small, Ileum	+	+			27		
Intestine Small, Jejunum	+	+			27		
Liver Inflammation, Chronic Active	+	+			27	2	1.0
Tension Lipidosis	2					5	1.6
Vacuolization Cytoplasmic						4	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. 20310 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	0		
	3	3		
	3	2		
	5	6		
<hr/>				
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0		
MICE FEMALE	0	0		
	5	6		
ANIMAL ID	5	7		
AZT 40 9 mo F	0	3		
				* TOTALS
Pancreas	+	+		27
Salivary Glands	+	+		27
Infiltration Cellular, Lymphocyte		1		14 1.1
Stomach, Forestomach	+	+		27
Stomach, Glandular	+	+		27

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+		27
Heart	+	+		27
Bacterium				1
Pericardium, Necrosis				1 2.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+		27
Subcapsular, Hyperplasia	1	1		25 1.2
Adrenal Medulla	+	+		27
Islets, Pancreatic	+	+		27

* .. Total animals with tissue examined microscopically; Total animals with lesion 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 45

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	0		
	3	3		
	3	2		
	5	6		
<hr/>				
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0		
	0	0		
	5	6		
AZT 40 9 mo F	5	7		
	0	3		
				* TOTALS
Parathyroid Gland	+	+		22
Cyst				1 1.0
<hr/>				
Pituitary Gland	+	+		27
<hr/>				
Thyroid Gland	+	+		27
Cyst				1 1.0
Degeneration				2 1.0
Ectopic Thymus				2

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

Clitoral Gland	+	+		26
<hr/>				
Ovary	+	+		27
Cyst		1		1 1.0
<hr/>				
Uterus	+	+		27
Infiltration Cellular, Polymorphonuclear				3 2.3
Endometrium, Hyperplasia, Cystic				4 2.0
Lumen, Dilatation		1		12 1.3
<hr/>				
Vagina	+	+		27

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	0	
	3	3	
	3	2	
	5	6	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
	5	6	
ANIMAL ID	5	7	
AZT 40 9 mo F	0	3	
			* TOTALS

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	26	
Lymph Node			1	
Lymph Node, Mandibular	+	+	27	
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+	+	26	6 1.8
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+	+	26	4 2.0 5 2.2
Thymus Bacterium Foreign Body Hyperplasia, Lymphoid Necrosis	+	+	26	1 1 2 2.0 1 4.0

INTEGUMENTARY SYSTEM

Mammary Gland Alveolus, Hyperplasia	+	+	26	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

Page 47

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	0	
	3	3	
	3	2	
	5	6	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
	5	6	
ANIMAL ID	5	7	
AZT 40 9 mo F	0	3	
			* TOTALS

Skin	+	+	27
------	---	---	-----------

MUSCULOSKELETAL SYSTEM

Bone			1
Bone, Femur	+	+	27
Skeletal Muscle	+	+	27

NERVOUS SYSTEM

Brain, Brain Stem	+	+	27	
Gliosis		3		1 3.0
Brain, Cerebellum	+	+	27	
Brain, Cerebrum	+	+	27	
Infiltration Cellular, Lymphocyte				1 1.0
Mineralization				1 1.0

RESPIRATORY SYSTEM

Lung	+	+	27	
Bacterium				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. 20310 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	3	2	6		
<hr/>						
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0				
MICE FEMALE	0	0				
ANIMAL ID	5	6				
AZT 40 9 mo F	5	7				
	0	3				* TOTALS
<hr/>						
Mediastinum, Foreign Body						1
Mediastinum, Necrosis						1 3.0
<hr/>						
Nose	+	+				27
<hr/>						
Trachea	+	+				27
<hr/>						
SPECIAL SENSES SYSTEM						
<hr/>						
Eye	+	+				25
<hr/>						
Harderian Gland	+	+				27
<hr/>						
URINARY SYSTEM						
<hr/>						
Kidney	+	+				27
Casts Protein						1 1.0
Infiltration Cellular, Lymphocyte						6 1.2
Metaplasia, Osseous						1 1.0
<hr/>						
Urinary Bladder	+	+				27
Infiltration Cellular, Lymphocyte			1			4 1.0
<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

Page 49

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	3	5	9
	0	3	3	2
<hr/>				
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	0	0
AZT 80 9 mo F	5	6	3	0
ANIMAL ID	3	0	3	9
				* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+			27	
Gallbladder	+	+			27	
Intestine Large, Cecum	+	+			25	
Hyperplasia, Lymphoid Epithelium, Hyperplasia						3 2.0 1 2.0
Intestine Large, Colon	+	+			27	
Intestine Large, Rectum	+	+			27	
Hyperplasia, Lymphoid						1 3.0
Intestine Small, Duodenum	+	+			25	
Intestine Small, Ileum	+	+			25	
Intestine Small, Jejunum	+	+			25	
Liver	+	+			27	
Hematopoietic Cell Proliferation			1			1 1.0
Inflammation, Chronic Active						1 1.0
Necrosis						1 1.0
Tension Lipidosis						7 1.1
Vacuolization Cytoplasmic			2			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

Page 56

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	0	3	3	3	1	5	2
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	5	6	3	0
MICE FEMALE	0	0	5	6	3	0	3	9
AZT 80 9 mo F								
								* TOTALS

Mesentery									1		
Fat, Necrosis										1	3.0
Pancreas	+	+								27	
Infiltration Cellular, Lymphocyte											1 1.0
Acinar Cell, Degeneration											1 1.0
Salivary Glands	+	M								26	
Infiltration Cellular, Lymphocyte	2										10 1.3
Stomach, Forestomach	+	+								27	
Stomach, Glandular	+	+								25	

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+								27	
Heart	+	+								27	
Congestion											2 2.5
Inflammation, Chronic Active											1 1.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+								27	
----------------	---	---	--	--	--	--	--	--	--	----	--

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	0	
	3	3	
	3	1	
	5	2	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	
	0	0	
	5	6	
ANIMAL ID	3	0	
AZT 80 9 mo F	3	9	
			* TOTALS
Subcapsular, Hyperplasia	1	1	27 1.2
.....			
Adrenal Medulla	+	+	27
.....			
Islets, Pancreatic	+	+	27
.....			
Parathyroid Gland	+	+	22
.....			
Pituitary Gland	+	+	27
.....			
Thyroid Gland	+	+	27

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Clitoral Gland	+	+	26
.....			
Ovary	+	+	27
Cyst			1 2.0
Bilateral, Cyst			1 2.0
.....			
Uterus	+	+	27
Infiltration Cellular, Polymorphonuclear			3 2.0
Endometrium, Hyperplasia, Cystic			5 2.0

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 58

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	0	3	3	3	1	5	2
<hr/>								
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	5	6	3	0
MICE FEMALE	0	0	0	0	5	6	3	0
AZT 80 9 mo F	0	0	0	0	5	6	3	9
								* TOTALS

Lumen, Dilatation **14 1.6**

Vagina **27**

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+						26
Myeloid Cell, Hyperplasia								4 2.5
Lymph Node								0
Lymph Node, Mandibular	+	M						25
Hyperplasia, Lymphoid								2 2.5
Lymph Node, Mesenteric	+	+						26
Hyperplasia, Lymphoid								6 1.3
Spleen	+	+						27
Hematopoietic Cell Proliferation								5 3.0
Hyperplasia, Lymphoid								7 2.4
Thymus	+	M						23
Hyperplasia, Lymphoid								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

Page 59

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	0	
	3	3	
	3	1	
	5	2	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	
	0	0	
	5	6	
AZT 80 9 mo F	3	0	
	3	9	
			* TOTALS
Mammary Gland	+	+	27
Skin	+	+	27
.....			
MUSCULOSKELETAL SYSTEM			
Bone, Femur	+	+	27
Skeletal Muscle	+	+	27
.....			
NERVOUS SYSTEM			
Brain, Brain Stem	+	+	27
Brain, Cerebellum	+	+	27
Brain, Cerebrum Mineralization	+	+	27
			4 1.0
.....			
RESPIRATORY SYSTEM			
Lung	+	+	26
Nose	+	+	27

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	0		
	3	3		
	3	1		
	5	2		
<hr/>				
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0		
MICE FEMALE	0	0		
	5	6		
ANIMAL ID	3	0		
AZT 80 9 mo F	3	9		
				* TOTALS
Trachea	+	+		26
<hr/>				
SPECIAL SENSES SYSTEM				
Eye	+	+		26
Harderian Gland	+	+		27
<hr/>				
URINARY SYSTEM				
Kidney	+	+		27
Casts Protein		1		3 1.0
Hydronephrosis				1 4.0
Infiltration Cellular, Lymphocyte	1			5 1.0
Inflammation, Suppurative				1 4.0
Nephropathy				1 4.0
Ureter				1
Inflammation, Suppurative				1 3.0
Lumen, Dilatation				1 2.0
Urinary Bladder	+	+		27
Infiltration Cellular, Lymphocyte				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

Page 61

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	0	3	2	3	9	2	2
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	5	6	5	7
MICE FEMALE	0	0	5	6	5	7	5	4
AZT 120 9 mo F								
								* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+							27
Gallbladder	+	A							25
Intestine Large, Cecum Hyperplasia, Lymphoid	+	A							24 2 2.0
Intestine Large, Colon	+	A							25
Intestine Large, Rectum	+	A							25
Intestine Small, Duodenum	+	A							25
Intestine Small, Ileum	+	A							25
Intestine Small, Jejunum	+	A							25
Liver	+	+							27
Basophilic Focus									1 2.0
Infiltration Cellular, Lymphocyte									1 1.0
Tension Lipidosis	1								4 1.0
Vacuolization Cytoplasmic									10 1.0
Mesentery									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 69

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST			
	0	0	
	3	2	
	3	9	
	2	2	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
	5	6	
ANIMAL ID	5	7	
AZT 120 9 mo F	5	4	
			* TOTALS

Hemorrhage			1	3.0
Fat, Necrosis			1	4.0
.....				
Pancreas	+	A	26	
Cytoplasmic Alteration	1			1 1.0
Infiltration Cellular, Lymphocyte				3 1.0
Acinar Cell, Degeneration				1 2.0
.....				
Salivary Glands	+	+	27	
Infiltration Cellular, Lymphocyte	1			10 1.0
.....				
Stomach, Forestomach	+	+	27	
.....				
Stomach, Glandular	+	A	25	

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	27	
.....				
Heart	+	A	26	
Inflammation, Chronic Active				1 4.0

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	26	
Subcapsular, Hyperplasia	1	2		24 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 70

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST			
	0	0	
	3	2	
	3	9	
	2	2	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	
	0	0	
	5	6	
ANIMAL ID	5	7	
AZT 120 9 mo F	5	4	
			* TOTALS
Adrenal Medulla	+	+	26
Islets, Pancreatic	+	+	27
Parathyroid Gland	+	+	22
Pituitary Gland	+	+	27
Thyroid Gland	+	+	26
Ectopic Thymus			1

GENERAL BODY SYSTEM

Tissue NOS			1	
Mediastinum, Abscess				1 4.0
Mediastinum, Foreign Body				1

GENITAL SYSTEM

Clitoral Gland	+	+	27	
Degeneration				1 3.0
Ovary	+	+	26	
Cyst				1 2.0
Pigmentation				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

Page 71

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST			
	0	0	
	3	2	
	3	9	
	2	2	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
	5	6	
ANIMAL ID	5	7	
AZT 120 9 mo F	5	4	
			* TOTALS
Uterus	+	+	27
Edema			1 3.0
Infiltration Cellular, Polymorphonuclear			3 2.0
Endometrium, Hyperplasia, Cystic	1		5 1.6
Lumen, Dilatation			8 1.3
.....			
Vagina	+	A	24

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	26	
Myeloid Cell, Hyperplasia				1 2.0
.....				
Lymph Node		+	3	
Lumbar, Hyperplasia, Lymphoid				1 2.0
.....				
Lymph Node, Mandibular	+	A	26	
.....				
Lymph Node, Mesenteric	+	+	27	
Hyperplasia, Lymphoid				6 1.7
.....				
Spleen	+	+	27	
Hematopoietic Cell Proliferation				8 3.0
Hyperplasia, Lymphoid				6 1.8
.....				
Thymus	+	+	27	
Hyperplasia, Lymphoid				2 2.0
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. 20310 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	0	
	3	2	
	3	9	
	2	2	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
	5	6	
ANIMAL ID	5	7	
AZT 120 9 mo F	5	4	
			* TOTALS

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	27
Skin	+	+	27

MUSCULOSKELETAL SYSTEM

Bone			1
Bone, Femur	+	+	27
Skeletal Muscle	+	+	27

NERVOUS SYSTEM

Brain, Brain Stem	+	+	27
Brain, Cerebellum	+	+	27
Brain, Cerebrum	+	+	27
Compression			1 2.0
Mineralization			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

Page 73

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	0	3	2	3	9	2	2	
<hr/>									
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	0	0	5	6	5	7	
MICE FEMALE	0	0	5	6	5	7	5	4	
AZT 120 9 mo F								* TOTALS	

RESPIRATORY SYSTEM

Lung	+	+							27
Abscess				4					1 4.0
Foreign Body									1
Inflammation, Chronic Active									1 3.0
Necrosis									1 2.0
<hr/>									
Nose	+	+							27
<hr/>									
Trachea	+	+							27

SPECIAL SENSES SYSTEM

Eye	+	A							24
<hr/>									
Harderian Gland	+	A							25

URINARY SYSTEM

Kidney	+	+							27
Casts Protein									2 1.0
Cyst									1 1.0
Glomerulosclerosis				3					1 3.0
Infiltration Cellular, Lymphocyte									4 1.0
Nephropathy				3					1 3.0

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 74

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST			
	0	0	
	3	2	
	3	9	
	2	2	
<hr/>			
C3B6F1-+/TRP53(TM1BRD) NCTR	0	0	
MICE FEMALE	0	0	
	5	6	
ANIMAL ID	5	7	
AZT 120 9 mo F	5	4	
			* TOTALS
<hr/>			
Urinary Bladder	+	+	26
Infiltration Cellular, Lymphocyte			1 1.0

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 75

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST		
0		
3		
3		
5		
.....		
C3B6F1-+/TRP53(TM1BRD) NCTR		0
MICE FEMALE		0
		6
	ANIMAL ID	5
Vehicle PND1-8 F		4
		* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	26	
Gallbladder	+	25	
Intestine Large, Cecum Hyperplasia, Lymphoid	+	25	3 2.0
Intestine Large, Colon	+	25	
Intestine Large, Rectum	+	25	
Intestine Small, Duodenum	+	25	
Intestine Small, Ileum	+	25	
Intestine Small, Jejunum	+	25	
Liver	+	25	
Infiltration Cellular, Lymphocyte			2 1.0
Inflammation, Chronic Active			2 1.0
Tension Lipidosis			3 1.3
Vacuolization Cytoplasmic	1		12 1.0
Pancreas	+	26	

* .. 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 82

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST			
	0		
	3		
	3		
	5		
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0		
MICE FEMALE	0		
	6		
ANIMAL ID	5		
Vehicle PND1-8 F	4		
			* TOTALS

Salivary Glands	+		25
Infiltration Cellular, Lymphocyte	1		15 1.1
.....			
Stomach, Forestomach	+		25
.....			
Stomach, Glandular	+		25

CARDIOVASCULAR SYSTEM

Blood Vessel	+		26
.....			
Heart	+		25

ENDOCRINE SYSTEM

Adrenal Cortex	+		26
Subcapsular, Hyperplasia			23 1.2
.....			
Adrenal Medulla	+		26
.....			
Islets, Pancreatic	+		26
.....			
Parathyroid Gland	+		25

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST			
		0	
		3	
		3	
		5	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR		0	
MICE FEMALE		0	
		6	
	ANIMAL ID	5	
Vehicle PND1-8 F		4	
			* TOTALS
Pituitary Gland	+		26
.....			
Thyroid Gland	+		26
Ectopic Thymus			2

GENERAL BODY SYSTEM
 NONE

GENITAL SYSTEM

Clitoral Gland	+		26	
.....				
Ovary	+		26	
Cyst		3		4 2.3
.....				
Uterus	+		26	
Infiltration Cellular, Polymorphonuclear				1 2.0
Endometrium, Hyperplasia, Cystic		1		4 1.5
Lumen, Dilatation				16 1.5
.....				
Vagina	+		26	

HEMATOPOIETIC SYSTEM

Bone Marrow	+		25	
.....				

* .. Total animals with tissue examined microscopically; Total animals with lesion 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 84

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST			
	0		
	3		
	3		
	5		
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0		
MICE FEMALE	0		
	6		
ANIMAL ID	5		
Vehicl PND1-8 F	4		* TOTALS
Lymph Node, Mandibular	+		25
Lymph Node, Mesenteric	+		25
Hyperplasia, Lymphoid			4 1.5
Spleen	+		26
Hematopoietic Cell Proliferation			2 3.0
Hyperplasia, Lymphoid			6 2.3
Thymus	+		25
Hyperplasia, Lymphoid			1 2.0
INTEGUMENTARY SYSTEM			
Mammary Gland	+		26
Skin	+		26
MUSCULOSKELETAL SYSTEM			
Bone, Femur	+		26
Skeletal Muscle	+		26
NERVOUS SYSTEM			

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST		
	0	
	3	
	3	
	5	
<hr/>		
C3B6F1-+/TRP53(TM1BRD) NCTR	0	
MICE FEMALE	0	
	6	
ANIMAL ID	5	
Vehicl PND1-8 F	4	
		* TOTALS

Brain, Brain Stem	+	26
Brain, Cerebellum	+	26
Brain, Cerebrum Mineralization	+	26
		2 1.0

RESPIRATORY SYSTEM

Lung	+	26
Nose	+	26
Trachea	+	26

SPECIAL SENSES SYSTEM

Eye	+	25
Harderian Gland	+	25

URINARY SYSTEM

Kidney	+	25
--------	---	----

* .. Total animals with tissue examined microscopically; Total animals with lesion 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. 20310 - 01
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST			
		0	
		3	
		3	
		5	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR		0	
MICE FEMALE		0	
		6	
	ANIMAL ID	5	
Vehicl PND1-8 F		4	
			* TOTALS
Infiltration Cellular, Lymphocyte		1	9 1.1
.....			
Urinary Bladder		+	25
Infiltration Cellular, Lymphocyte			2 1.0
Lumen, Dilatation			1 4.0

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 87

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST		
0		
3		
3		
6		
<hr/>		
C3B6F1-+/TRP53(TM1BRD) NCTR		0
MICE FEMALE		0
		6
	ANIMAL ID	6
AZT 40 PND1-8 F		7
		* TOTALS

ALIMENTARY SYSTEM

Esophagus	+		25
Gallbladder	+		26
Intestine Large, Cecum	+		26
Intestine Large, Colon	+		26
Intestine Large, Rectum	+		26
Intestine Small, Duodenum	+		26
Intestine Small, Ileum	+		26
Intestine Small, Jejunum	+		26
Liver	+		26
Basophilic Focus			1
Infiltration Cellular, Lymphocyte			1 1.0
Tension Lipidosis			4 1.5
Vacuolization Cytoplasmic			6 1.0
Pancreas	+		26

* .. 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 94

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST			
	0		
	3		
	3		
	6		
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR	0		
MICE FEMALE	0		
	6		
ANIMAL ID	6		
AZT 40 PND1-8 F	7		
			* TOTALS
Salivary Glands	+	26	
Infiltration Cellular, Lymphocyte	1		12 1.2
.....			
Stomach, Forestomach	+	26	
.....			
Stomach, Glandular	+	26	
.....			
CARDIOVASCULAR SYSTEM			
.....			
Blood Vessel	+	26	
.....			
Heart	+	26	
.....			
ENDOCRINE SYSTEM			
.....			
Adrenal Cortex	+	26	
Subcapsular, Hyperplasia	1		24 1.1
.....			
Adrenal Medulla	+	26	
.....			
Islets, Pancreatic	+	26	
.....			
Parathyroid Gland	+	24	
.....			
Pituitary Gland	+	26	
.....			

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST			
		0	
		3	
		3	
		6	
.....			
C3B6F1-+/TRP53(TM1BRD) NCTR		0	
MICE FEMALE		0	
		6	
		6	
AZT 40 PND1-8 F	ANIMAL ID	7	
			* TOTALS
Thyroid Gland	+		26
Degeneration			1 1.0
Ectopic Thymus			1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+		25
Ovary	+		26
Cyst			1 2.0
Uterus	+		26
Endometrium, Hyperplasia, Cystic			3 1.7
Lumen, Dilatation			13 1.2
Vagina	+		25

HEMATOPOIETIC SYSTEM

Bone Marrow	+		26
Lymph Node			2
Renal, Hyperplasia, Lymphoid			1 1.0

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 96

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST	0	3	3	6	
C3B6F1-+/TRP53(TM1BRD) NCTR MICE FEMALE	0	0	6	6	
AZT 40 PND1-8 F	ANIMAL ID	6	6	7	* TOTALS

Lymph Node, Mandibular Hyperplasia, Lymphoid	+				25	1 1.0
Lymph Node, Mesenteric Hyperplasia, Lymphoid	+				26	3 1.0
Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	+				26	2 2.0 6 2.2
Thymus Cyst, Multiple Hyperplasia, Lymphoid	+				25	1 4.0 3 1.3

INTEGUMENTARY SYSTEM

Mammary Gland	+				26	
Skin	+				26	

MUSCULOSKELETAL SYSTEM

Bone, Femur	+				26	
Skeletal Muscle	+				26	

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

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST		
	0	
	3	
	3	
	6	
.....		
C3B6F1-+/TRP53(TM1BRD) NCTR	0	
MICE FEMALE	0	
	6	
	6	
AZT 40 PND1-8 F	7	
		* TOTALS

NERVOUS SYSTEM

Brain, Brain Stem	+	26	
Brain, Cerebellum	+	26	
Brain, Cerebrum Mineralization	+	26	4 1.0

RESPIRATORY SYSTEM

Lung	+	26	
Infiltration Cellular, Lymphocyte Inflammation, Chronic Active			1 2.0 1 1.0
Nose	+	26	
Trachea	+	26	

SPECIAL SENSES SYSTEM

Eye	+	26	
Harderian Gland	+	26	

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 98

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

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

Date Report Requested: 06/29/2009
 Time Report Requested: 16:30:29
 First Dose M/F: NA / 11/18/04
 Lab: NCTR

DAY ON TEST		
	0	
	3	
	3	
	6	
.....		
C3B6F1-+/TRP53(TM1BRD) NCTR	0	
MICE FEMALE	0	
	6	
ANIMAL ID	6	
AZT 40 PND1-8 F	7	
		* TOTALS

URINARY SYSTEM

.....		
Kidney	+	26
Infiltration Cellular, Lymphocyte		5 1.0
.....		
Urinary Bladder	+	26
Infiltration Cellular, Lymphocyte	1	3 1.0

*** END OF REPORT ***

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

Page 99

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked