

TDMS No. 20310 - 01

Test Type: 26-39 WEEKS

Route: GAVAGE

Species/Strain:

MICE/C3B6F1-+/Trp53(tm1Brd)

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

3'-Azido-3'-deoxythymidine (AZT)

CAS Number: 30516-87-1

Date Report Requested: 07/22/2009

Time Report Requested: 11:47:25

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 912 Vehicle 9 mo F

Include 913 AZT 40 9 mo F

Include 914 AZT 80 9 mo F

Include 915 AZT 120 9 mo F

Study Gender:

Female

TDMSE Version:

2.1.0

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

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MICE/C3B6F1-+/Trp53(tm1Brd)

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle 9 mo F	AZT 40 9 mo F	AZT 80 9 mo F	AZT 120 9 mo F
Disposition Summary				
Animals Initially in Study	26	27	27	27
Early Deaths				
Moribund Sacrifice	1			1
Natural Death		1	1	
Survivors				
Moribund Sacrifice	1	2	1	2
Natural Death	1	1	1	3
Terminal Sacrifice	23	23	24	21
Animals Examined Microscopically	26	27	27	27
ALIMENTARY SYSTEM				
Esophagus	(26)	(27)	(27)	(27)
Adventitia, Necrosis		1 (4%)		
Intestine Large, Cecum	(25)	(27)	(25)	(24)
Hyperplasia, Lymphoid Epithelium, Hyperplasia	2 (8%)	2 (7%)	3 (12%) 1 (4%)	2 (8%)
Intestine Large, Colon	(26)	(26)	(27)	(25)
Intestine Large, Rectum	(25)	(27)	(27)	(25)
Hyperplasia, Lymphoid		1 (4%)	1 (4%)	
Intestine Small, Ileum	(25)	(27)	(25)	(25)
Intestine Small, Jejunum	(25)	(27)	(25)	(25)
Liver	(26)	(27)	(27)	(27)
Basophilic Focus				1 (4%)
Hematopoietic Cell Proliferation			1 (4%)	
Infiltration Cellular, Lymphocyte				1 (4%)
Inflammation, Chronic Active Necrosis		2 (7%)	1 (4%) 1 (4%)	
Tension Lipidosis	3 (12%)	5 (19%)	7 (26%)	4 (15%)
Vacuolization Cytoplasmic	6 (23%)	4 (15%)	3 (11%)	10 (37%)
Mesentery	(1)	(0)	(1)	(1)
Hemorrhage	1 (100%)			1 (100%)
Fat, Necrosis			1 (100%)	1 (100%)
Pancreas	(26)	(27)	(27)	(26)
Cytoplasmic Alteration				1 (4%)
Infiltration Cellular, Lymphocyte			1 (4%)	3 (12%)
Acinar Cell, Degeneration			1 (4%)	1 (4%)
Salivary Glands	(26)	(27)	(26)	(27)
Infiltration Cellular, Lymphocyte	15 (58%)	14 (52%)	10 (38%)	10 (37%)
Stomach, Forestomach	(26)	(27)	(27)	(27)

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle 9 mo F	AZT 40 9 mo F	AZT 80 9 mo F	AZT 120 9 mo F
CARDIOVASCULAR SYSTEM				
Heart	(26)	(27)	(27)	(26)
Bacterium		1 (4%)		
Congestion			2 (7%)	
Inflammation, Chronic Active	1 (4%)		1 (4%)	1 (4%)
Pericardium, Necrosis		1 (4%)		
ENDOCRINE SYSTEM				
Adrenal Cortex	(26)	(27)	(27)	(26)
Subcapsular, Hyperplasia	25 (96%)	25 (93%)	27 (100%)	24 (92%)
Parathyroid Gland	(21)	(22)	(22)	(22)
Cyst		1 (5%)		
Pituitary Gland	(26)	(27)	(27)	(27)
Thyroid Gland	(25)	(27)	(27)	(26)
Cyst		1 (4%)		
Degeneration	1 (4%)	2 (7%)		
Ectopic Thymus		2 (7%)		1 (4%)
GENERAL BODY SYSTEM				
Tissue NOS	(0)	(1)	(0)	(1)
Mediastinum, Abscess				1 (100%)
Mediastinum, Foreign Body				1 (100%)
GENITAL SYSTEM				
Clitoral Gland	(25)	(26)	(26)	(27)
Degeneration				1 (4%)
Ovary	(26)	(27)	(27)	(26)
Cyst		1 (4%)	1 (4%)	1 (4%)
Pigmentation				1 (4%)
Bilateral, Cyst			1 (4%)	
Uterus	(26)	(27)	(27)	(27)
Edema				1 (4%)
Infiltration Cellular, Polymorphonuclear	1 (4%)	3 (11%)	3 (11%)	3 (11%)
Endometrium, Hyperplasia, Cystic	3 (12%)	4 (15%)	5 (19%)	5 (19%)
Lumen, Dilatation	10 (38%)	12 (44%)	14 (52%)	8 (30%)

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle 9 mo F	AZT 40 9 mo F	AZT 80 9 mo F	AZT 120 9 mo F
HEMATOPOIETIC SYSTEM				
Bone Marrow	(26)	(26)	(26)	(26)
Myeloid Cell, Hyperplasia			4 (15%)	1 (4%)
Lymph Node	(1)	(1)	(0)	(3)
Lumbar, Hyperplasia, Lymphoid	1 (100%)			1 (33%)
Lymph Node, Mandibular	(26)	(27)	(25)	(26)
Hyperplasia, Lymphoid			2 (8%)	
Lymph Node, Mesenteric	(26)	(26)	(26)	(27)
Hyperplasia, Lymphoid	8 (31%)	6 (23%)	6 (23%)	6 (22%)
Spleen	(26)	(26)	(27)	(27)
Hematopoietic Cell Proliferation	5 (19%)	4 (15%)	5 (19%)	8 (30%)
Hyperplasia, Lymphoid	4 (15%)	5 (19%)	7 (26%)	6 (22%)
Thymus	(24)	(26)	(23)	(27)
Bacterium		1 (4%)		
Foreign Body		1 (4%)		
Hyperplasia, Lymphoid	3 (13%)	2 (8%)	3 (13%)	2 (7%)
Inflammation, Chronic Active				1 (4%)
Necrosis		1 (4%)		
INTEGUMENTARY SYSTEM				
Mammary Gland	(25)	(26)	(27)	(27)
Alveolus, Hyperplasia		1 (4%)		
Skin	(26)	(27)	(27)	(27)
MUSCULOSKELETAL SYSTEM				
Bone	(0)	(1)	(0)	(1)
Bone, Femur	(26)	(27)	(27)	(27)
Skeletal Muscle	(26)	(27)	(27)	(27)
Atrophy	2 (8%)			
Cyst	1 (4%)			
NERVOUS SYSTEM				
Brain, Brain Stem	(26)	(27)	(27)	(27)
Gliosis		1 (4%)		
Brain, Cerebrum	(26)	(27)	(27)	(27)
Compression				1 (4%)
Infiltration Cellular, Lymphocyte		1 (4%)		
Mineralization		1 (4%)	4 (15%)	2 (7%)
Peripheral Nerve	(2)	(0)	(0)	(0)

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle 9 mo F	AZT 40 9 mo F	AZT 80 9 mo F	AZT 120 9 mo F
Axon, Degeneration Spinal Cord	2 (100%) (1)	(0)	(0)	(0)
Axon, Degeneration	1 (100%)			
RESPIRATORY SYSTEM				
Lung	(26)	(27)	(26)	(27)
Abscess				1 (4%)
Bacterium		1 (4%)		
Foreign Body				1 (4%)
Inflammation, Chronic Active				1 (4%)
Necrosis				1 (4%)
Mediastinum, Foreign Body		1 (4%)		
Mediastinum, Necrosis		1 (4%)		
Nose	(26)	(27)	(27)	(27)
SPECIAL SENSES SYSTEM				
Eye	(25)	(25)	(26)	(24)
Cataract	1 (4%)			
Harderian Gland	(26)	(27)	(27)	(25)
URINARY SYSTEM				
Kidney	(26)	(27)	(27)	(27)
Casts Protein	1 (4%)	1 (4%)	3 (11%)	2 (7%)
Cyst	1 (4%)			1 (4%)
Glomerulosclerosis				1 (4%)
Hydronephrosis			1 (4%)	
Infiltration Cellular, Lymphocyte	9 (35%)	6 (22%)	5 (19%)	4 (15%)
Inflammation, Suppurative			1 (4%)	
Metaplasia, Osseous		1 (4%)		
Mineralization	1 (4%)			
Nephropathy			1 (4%)	1 (4%)
Ureter	(0)	(0)	(1)	(0)
Inflammation, Suppurative			1 (100%)	
Lumen, Dilatation			1 (100%)	
Urinary Bladder	(26)	(27)	(27)	(26)
Infiltration Cellular, Lymphocyte	1 (4%)	4 (15%)	2 (7%)	1 (4%)

a - Number of animals examined microscopically at site and number of animals with lesion

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*** END OF REPORT ***