

TDMS No. 20310 - 02

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: 11:51:06

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

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 M

Include 913 AZT 40 9 mo M

Include 914 AZT 80 9 mo M

Include 915 AZT 120 9 mo M

Study Gender:

Male

TDMSE Version:

2.1.0

C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
Disposition Summary				
Animals Initially in Study	27	27	27	27
Early Deaths				
Moribund Sacrifice	1	1		1
Natural Death	1	2		1
Survivors				
Moribund Sacrifice	1	3		1
Natural Death				2
Terminal Sacrifice	24	21	27	22
Animals Examined Microscopically	27	27	27	27

ALIMENTARY SYSTEM

Esophagus	(27)	(26)	(27)	(27)
Foreign Body		1 (4%)		
Adventitia, Inflammation, Suppurative		1 (4%)		
Adventitia, Necrosis		1 (4%)		
Gallbladder	(26)	(25)	(27)	(25)
Mineralization				1 (4%)
Intestine Large, Cecum	(26)	(26)	(27)	(25)
Hyperplasia, Lymphoid		2 (8%)	2 (7%)	3 (12%)
Intestine Large, Colon	(26)	(26)	(27)	(25)
Epithelium, Hyperplasia				1 (4%)
Intestine Large, Rectum	(26)	(26)	(27)	(26)
Hyperplasia, Lymphoid				1 (4%)
Intestine Small, Duodenum	(26)	(25)	(27)	(25)
Inflammation, Chronic Active			1 (4%)	
Liver	(26)	(27)	(27)	(27)
Basophilic Focus	1 (4%)	1 (4%)		1 (4%)
Cytomegaly	14 (54%)	14 (52%)	13 (48%)	9 (33%)
Hematopoietic Cell Proliferation	1 (4%)			
Mixed Cell Focus				1 (4%)
Tension Lipidosis	3 (12%)			1 (4%)
Vacuolization Cytoplasmic	20 (77%)	17 (63%)	23 (85%)	13 (48%)
Mesentery	(0)	(2)	(1)	(0)
Fat, Fibrosis			1 (100%)	
Pancreas	(27)	(27)	(27)	(27)
Cytoplasmic Alteration			1 (4%)	
Inflammation, Chronic Active			1 (4%)	1 (4%)
Pigmentation			1 (4%)	
Acinar Cell, Degeneration	1 (4%)			
Salivary Glands	(27)	(26)	(27)	(27)

C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
Infiltration Cellular, Lymphocyte Stomach, Forestomach	7 (26%) (26)	4 (15%) (26)	2 (7%) (27)	5 (19%) (27)
Epithelium, Hyperplasia Epithelium, Hyperplasia, Squamous Stomach, Glandular	1 (4%) (26)	1 (4%) (26)	(27)	(25)
CARDIOVASCULAR SYSTEM				
Blood Vessel	(27)	(27)	(27)	(27)
Heart	(27)	(27)	(27)	(27)
Inflammation, Suppurative Polyarteritis		1 (4%)	1 (4%)	
Pericardium, Inflammation, Chronic Active	1 (4%)			
ENDOCRINE SYSTEM				
Adrenal Cortex	(27)	(27)	(27)	(27)
Accessory Adrenal Cortical Nodule	1 (4%)			
Cyst	1 (4%)			
Hypertrophy	1 (4%)		1 (4%)	
Subcapsular, Hyperplasia	6 (22%)	6 (22%)	7 (26%)	6 (22%)
Adrenal Medulla	(25)	(26)	(24)	(26)
Islets, Pancreatic	(27)	(27)	(27)	(27)
Hyperplasia			1 (4%)	
Parathyroid Gland	(16)	(20)	(21)	(22)
Cyst				1 (5%)
Pituitary Gland	(25)	(27)	(27)	(27)
Thyroid Gland	(26)	(27)	(27)	(26)
Cyst	1 (4%)	1 (4%)		
Degeneration		1 (4%)		
Ectopic Thymus		1 (4%)		
Follicular Cell, Hyperplasia			1 (4%)	
GENERAL BODY SYSTEM				
Tissue NOS	(2)	(1)	(0)	(1)
Mediastinum, Abscess	1 (50%)			
Thoracic, Thrombosis				1 (100%)
GENITAL SYSTEM				
Coagulating Gland	(0)	(1)	(0)	(0)

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

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MICE/C3B6F1-+/Trp53(tm1Brd)

C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
Epididymis	(27)	(27)	(27)	(26)
Hypospermia		1 (4%)		1 (4%)
Preputial Gland	(27)	(26)	(27)	(26)
Degeneration				3 (12%)
Infiltration Cellular, Lymphocyte	1 (4%)			
Inflammation, Suppurative		1 (4%)		
Inflammation, Chronic Active				1 (4%)
Duct, Dilatation		1 (4%)		
Prostate	(27)	(27)	(27)	(25)
Seminal Vesicle	(26)	(27)	(27)	(26)
Inflammation, Chronic				1 (4%)
Testes	(27)	(26)	(27)	(26)
Interstitial Cell, Hyperplasia		1 (4%)		
Seminiferous Tubule, Degeneration		1 (4%)	1 (4%)	1 (4%)

HEMATOPOIETIC SYSTEM

Bone Marrow	(27)	(26)	(27)	(26)
Myeloid Cell, Hyperplasia	2 (7%)	2 (8%)	1 (4%)	
Lymph Node	(0)	(1)	(0)	(1)
Lymph Node, Mandibular	(27)	(25)	(27)	(26)
Hyperplasia, Lymphoid	1 (4%)	1 (4%)	1 (4%)	2 (8%)
Hyperplasia, Plasma Cell			1 (4%)	
Lymph Node, Mesenteric	(26)	(23)	(26)	(25)
Hematopoietic Cell Proliferation				1 (4%)
Hyperplasia, Lymphoid	13 (50%)	12 (52%)	17 (65%)	14 (56%)
Hyperplasia, Plasma Cell			1 (4%)	
Infiltration Cellular, Histiocyte			1 (4%)	
Infiltration Cellular, Polymorphonuclear				1 (4%)
Spleen	(26)	(25)	(27)	(25)
Hematopoietic Cell Proliferation	4 (15%)	2 (8%)	5 (19%)	1 (4%)
Hemorrhage				1 (4%)
Hyperplasia, Lymphoid	2 (8%)	5 (20%)	6 (22%)	2 (8%)
Thymus	(27)	(24)	(27)	(24)
Atrophy	1 (4%)		1 (4%)	
Hyperplasia, Lymphoid	1 (4%)	1 (4%)		

INTEGUMENTARY SYSTEM

Skin	(27)	(27)	(27)	(27)
Abscess				1 (4%)
Cyst Epithelial Inclusion			1 (4%)	
Hemorrhage				1 (4%)

C3B6F1-+/Trp53(tm1Brd) NCTR MICE MALE	Vehicle 9 mo M	AZT 40 9 mo M	AZT 80 9 mo M	AZT 120 9 mo M
MUSCULOSKELETAL SYSTEM				
Bone	(1)	(0)	(0)	(0)
Bone, Femur	(27)	(27)	(27)	(27)
Skeletal Muscle	(27)	(27)	(27)	(27)
Diaphragm, Foreign Body		1 (4%)		
Diaphragm, Inflammation, Granulomatous		1 (4%)		
NERVOUS SYSTEM				
Brain, Cerebellum	(27)	(27)	(27)	(27)
Hemorrhage				1 (4%)
Brain, Cerebrum	(27)	(27)	(27)	(27)
Mineralization	4 (15%)	1 (4%)	2 (7%)	
RESPIRATORY SYSTEM				
Lung	(27)	(27)	(27)	(27)
Congestion	1 (4%)			1 (4%)
Infiltration Cellular, Lymphocyte		1 (4%)		
Infiltration Cellular, Polymorphonuclear				1 (4%)
Inflammation, Chronic Active	1 (4%)			
Mediastinum, Inflammation, Suppurative		1 (4%)		
Mediastinum, Necrosis		1 (4%)		
Nose	(27)	(27)	(27)	(25)
Exudate	1 (4%)			
Inflammation, Suppurative	1 (4%)			
SPECIAL SENSES SYSTEM				
Harderian Gland	(27)	(27)	(27)	(27)
URINARY SYSTEM				
Kidney	(26)	(27)	(27)	(26)
Casts Protein		1 (4%)		1 (4%)
Cyst	1 (4%)	1 (4%)		
Infiltration Cellular, Lymphocyte	6 (23%)	11 (41%)	6 (22%)	4 (15%)
Pelvis, Dilatation				1 (4%)
Pelvis, Inflammation, Chronic				1 (4%)

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Urinary Bladder Lumen, Dilatation	(27)	(27) 1 (4%)	(27) 2 (7%)	(26) 2 (8%)

*** END OF MALE ***

*** END OF REPORT ***