

TDMS No. 20310 - 01

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Date Report Requested: 07/22/2009

Test Type: 26-39 WEEKS

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

Time Report Requested: 11:48:12

Route: GAVAGE

CAS Number: 30516-87-1

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

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

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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Lab: NCTR

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)
Intestine Large, Cecum	(25)	(27)	(25)	(24)
Intestine Large, Colon	(26)	(26)	(27)	(25)
Intestine Large, Rectum	(25)	(27)	(27)	(25)
Intestine Small, Ileum	(25)	(27)	(25)	(25)
Intestine Small, Jejunum	(25)	(27)	(25)	(25)
Liver	(26)	(27)	(27)	(27)
Sarcoma	1 (4%)			
Mesentery	(1)	(0)	(1)	(1)
Pancreas	(26)	(27)	(27)	(26)
Salivary Glands	(26)	(27)	(26)	(27)
Stomach, Forestomach	(26)	(27)	(27)	(27)
Squamous Cell Papilloma		1 (4%)		
CARDIOVASCULAR SYSTEM				
Heart	(26)	(27)	(27)	(26)
ENDOCRINE SYSTEM				
Adrenal Cortex	(26)	(27)	(27)	(26)
Adenoma			1 (4%)	
Parathyroid Gland	(21)	(22)	(22)	(22)

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

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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
Pituitary Gland	(26)	(27)	(27)	(27)
Thyroid Gland	(25)	(27)	(27)	(26)
GENERAL BODY SYSTEM				
Tissue NOS	(0)	(1)	(0)	(1)
Thoracic, Osteosarcoma		1 (100%)		
GENITAL SYSTEM				
Clitoral Gland	(25)	(26)	(26)	(27)
Ovary	(26)	(27)	(27)	(26)
Luteoma	1 (4%)			
Uterus	(26)	(27)	(27)	(27)
Endometrium, Polyp Stromal		1 (4%)		
HEMATOPOIETIC SYSTEM				
Bone Marrow	(26)	(26)	(26)	(26)
Sarcoma	1 (4%)			
Lymph Node	(1)	(1)	(0)	(3)
Lymph Node, Mandibular	(26)	(27)	(25)	(26)
Sarcoma	1 (4%)			
Lymph Node, Mesenteric	(26)	(26)	(26)	(27)
Sarcoma	1 (4%)			
Spleen	(26)	(26)	(27)	(27)
Sarcoma	1 (4%)			
Thymus	(24)	(26)	(23)	(27)
INTEGUMENTARY SYSTEM				
Mammary Gland	(25)	(26)	(27)	(27)
Adenocarcinoma			2 (7%)	1 (4%)
Skin	(26)	(27)	(27)	(27)
Fibrosarcoma				1 (4%)
Squamous Cell Carcinoma			1 (4%)	

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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
MUSCULOSKELETAL SYSTEM				
Bone	(0)	(1)	(0)	(1)
Cranium, Osteoma				1 (100%)
Rib, Osteosarcoma		1 (100%)		
Bone, Femur	(26)	(27)	(27)	(27)
Osteosarcoma	1 (4%)		2 (7%)	1 (4%)
Skeletal Muscle	(26)	(27)	(27)	(27)
NERVOUS SYSTEM				
Brain, Brain Stem	(26)	(27)	(27)	(27)
Brain, Cerebrum	(26)	(27)	(27)	(27)
Sarcoma	1 (4%)			
Peripheral Nerve	(2)	(0)	(0)	(0)
Spinal Cord	(1)	(0)	(0)	(0)
RESPIRATORY SYSTEM				
Lung	(26)	(27)	(26)	(27)
Alveolar/Bronchiolar Adenoma		1 (4%)		
Osteosarcoma, Metastatic, Bone, Femur				1 (4%)
Mediastinum, Sarcoma	1 (4%)			
Nose	(26)	(27)	(27)	(27)
Osteosarcoma			1 (4%)	
Sarcoma	1 (4%)			
SPECIAL SENSES SYSTEM				
Eye	(25)	(25)	(26)	(24)
Harderian Gland	(26)	(27)	(27)	(25)
Adenoma			1 (4%)	
URINARY SYSTEM				
Kidney	(26)	(27)	(27)	(27)
Renal Tubule, Adenoma		1 (4%)		
Ureter	(0)	(0)	(1)	(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
Urinary Bladder	(26)	(27)	(27)	(26)
SYSTEMIC LESIONS				
Multiple Organs	*(26)	*(27)	*(27)	*(27)
Histiocytic Sarcoma		1 (4%)		1 (4%)
Lymphoma Malignant			1 (4%)	3 (11%)
Mesothelioma Malignant	1 (4%)			

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* Number of animals with any tissue examined microscopically

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Tumor Summary for Females

Total Animals with Primary Neoplasms (b)	4	7	8	8
Total Primary Neoplasms	11	7	9	8
Total Animals with Benign Neoplasms	1	4	2	1
Total Benign Neoplasms	1	4	2	1
Total Animals with Malignant Neoplasms	3	3	6	7
Total Malignant Neoplasms	10	3	7	7
Total Animals with Metastatic Neoplasms				1
Total Metastatic Neoplasms				1
Total Animals with Malignant Neoplasms Uncertain Primary Site				
Total Animals with Neoplasms Uncertain-Benign or Malignant				
Total Uncertain Neoplasms				

*** END OF REPORT ***

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

b - Primary tumors: all tumors except metastatic tumors