

**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
<b>Disposition Summary</b>				
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
<b>ALIMENTARY SYSTEM</b>				
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%)		
<b>CARDIOVASCULAR SYSTEM</b>				
Heart	(26)	(27)	(27)	(26)
<b>ENDOCRINE SYSTEM</b>				
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)
<b>GENERAL BODY SYSTEM</b>				
Tissue NOS	(0)	(1)	(0)	(1)
Thoracic, Osteosarcoma		1 (100%)		
<b>GENITAL SYSTEM</b>				
Clitoral Gland	(25)	(26)	(26)	(27)
Ovary	(26)	(27)	(27)	(26)
Luteoma	1 (4%)			
Uterus	(26)	(27)	(27)	(27)
Endometrium, Polyp Stromal		1 (4%)		
<b>HEMATOPOIETIC SYSTEM</b>				
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)
<b>INTEGUMENTARY SYSTEM</b>				
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
<b>MUSCULOSKELETAL SYSTEM</b>				
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)
<b>NERVOUS SYSTEM</b>				
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)
<b>RESPIRATORY SYSTEM</b>				
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%)			
<b>SPECIAL SENSES SYSTEM</b>				
Eye	(25)	(25)	(26)	(24)
Harderian Gland	(26)	(27)	(27)	(25)
Adenoma			1 (4%)	
<b>URINARY SYSTEM</b>				
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)
<b>SYSTEMIC LESIONS</b>				
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**

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

\*\*\* 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