

TDMS No. 20310 - 04

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

Date Report Requested: 05/04/2010

Test Type: 26-39 WEEKS

AZT+3TC combination

Time Report Requested: 12:30:59

Route: GAVAGE

CAS Number: AZT3TCCOMBO

First Dose M/F: NA / 12/22/06

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

Lab: NCTR

C Number: C20310B
Lock Date: 04/20/2010
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Female
TDMSE Version: 2.2.0

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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle	AZT 60	3TC 37.5	NVP 10.5	AZT 60 3TC 37.5	A20,3T12.5,NV3.5
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Disposition Summary

Animals Initially In Study	25	25	25	25	24	25
Early Deaths						
Moribund Sacrifice		1		1	2	1
Natural Death				1	1	
Survivors						
Moribund Sacrifice		2	3	1	2	1
Natural Death		2	2	2		1
Terminal Sacrifice	25	20	20	20	19	22
Animals Examined Microscopically	25	25	25	25	24	25

ALIMENTARY SYSTEM

Gallbladder	(25)	(23)	(23)	(22)	(23)	(23)
Intestine Large, Cecum	(25)	(23)	(23)	(22)	(23)	(24)
Intestine Small, Duodenum	(25)	(23)	(23)	(22)	(23)	(24)
Sarcoma						
Intestine Small, Ileum	(25)	(23)	(23)	(22)	(23)	(24)
Liver	(25)	(25)	(23)	(24)	(23)	(25)
Carcinoma Nos, Metastatic, Pancreas		1 (4%)				
Hepatocellular Carcinoma					1 (4%)	
Mesentery	(0)	(1)	(0)	(0)	(0)	(0)
Carcinoma Nos, Metastatic, Pancreas		1 (100%)				
Pancreas	(25)	(25)	(25)	(22)	(23)	(25)
Carcinoma Nos		1 (4%)				
Salivary Glands	(25)	(25)	(25)	(24)	(23)	(25)
Stomach, Forestomach	(25)	(24)	(24)	(24)	(23)	(25)
Stomach, Glandular	(25)	(23)	(23)	(22)	(23)	(25)

CARDIOVASCULAR SYSTEM

Blood Vessel	(25)	(25)	(25)	(25)	(23)	(25)
Heart	(25)	(25)	(25)	(25)	(24)	(25)

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

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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle	AZT 60	3TC 37.5	NVP 10.5	AZT 60 3TC 37.5	A20,3T12.5,NV3.5
ENDOCRINE SYSTEM						
Adrenal Cortex	(25)	(24)	(24)	(25)	(23)	(25)
Islets, Pancreatic	(25)	(24)	(25)	(25)	(23)	(25)
Parathyroid Gland	(20)	(23)	(21)	(20)	(18)	(21)
Pituitary Gland	(25)	(25)	(24)	(25)	(23)	(24)
Pars Intermedia, Adenoma						
Thyroid Gland	(23)	(24)	(25)	(23)	(22)	(25)
C-cell, Adenoma				1 (4%)		
GENERAL BODY SYSTEM						
Tissue NOS	(0)	(0)	(0)	(1)	(0)	(0)
GENITAL SYSTEM						
Clitoral Gland	(24)	(24)	(23)	(21)	(21)	(24)
Ovary	(25)	(24)	(25)	(24)	(23)	(25)
Uterus	(25)	(25)	(25)	(23)	(23)	(25)
Polyp Stromal						
Vagina	(25)	(24)	(24)	(24)	(23)	(25)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(25)	(24)	(24)	(23)	(23)	(25)
Lymph Node	(1)	(3)	(1)	(3)	(4)	(3)
Mediastinal, Carcinoma Nos, Metastatic, Pancreas		1 (33%)				
Renal, Carcinoma Nos, Metastatic, Pancreas		1 (33%)				
Lymph Node, Mandibular	(25)	(25)	(24)	(24)	(23)	(25)
Lymph Node, Mesenteric	(25)	(24)	(23)	(24)	(23)	(25)
Carcinoma Nos, Metastatic, Pancreas		1 (4%)				
Spleen	(25)	(25)	(24)	(24)	(23)	(25)
Thymus	(25)	(21)	(22)	(22)	(24)	(25)

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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle	AZT 60	3TC 37.5	NVP 10.5	AZT 60 3TC 37.5	A20,3T12.5,NV3.5
INTEGUMENTARY SYSTEM						
Mammary Gland	(25)	(25)	(25)	(23)	(23)	(25)
Adenoacanthoma		1 (4%)	1 (4%)			
Adenocarcinoma	1 (4%)		3 (12%)		2 (9%)	
Skin	(25)	(25)	(25)	(25)	(23)	(25)
Hemangiosarcoma				1 (4%)		
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(2)	(0)	(0)	(2)
Cranium, Osteosarcoma						
Mandible, Osteosarcoma			1 (50%)			
Pelvis, Osteosarcoma			1 (50%)			
Vertebra, Osteosarcoma						1 (50%)
Bone, Femur	(25)	(25)	(25)	(25)	(24)	(25)
Skeletal Muscle	(0)	(1)	(2)	(0)	(0)	(0)
Rhabdomyosarcoma			1 (50%)			
Sarcoma		1 (100%)				
NERVOUS SYSTEM						
Brain, Brain Stem	(25)	(24)	(25)	(24)	(23)	(25)
Brain, Cerebellum	(25)	(24)	(25)	(24)	(23)	(25)
Brain, Cerebrum	(25)	(24)	(25)	(24)	(23)	(25)
Peripheral Nerve	(0)	(0)	(1)	(0)	(0)	(0)
RESPIRATORY SYSTEM						
Lung	(25)	(24)	(24)	(24)	(24)	(25)
Adenocarcinoma, Metastatic, Mammary Gland	1 (4%)				1 (4%)	
Alveolar/Bronchiolar Adenoma	1 (4%)					

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

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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle	AZT 60	3TC 37.5	NVP 10.5	AZT 60 3TC 37.5	A20,3T12.5,NV3.5
Osteosarcoma, Metastatic, Bone			1 (4%)			
Nose	(25)	(25)	(25)	(24)	(24)	(25)
Neuroblastoma				1 (4%)		
Trachea	(25)	(24)	(24)	(24)	(23)	(25)
SPECIAL SENSES SYSTEM						
Eye	(25)	(23)	(23)	(22)	(23)	(24)
Harderian Gland	(25)	(24)	(25)	(25)	(23)	(25)
Adenoma		1 (4%)		2 (8%)		
URINARY SYSTEM						
Kidney	(25)	(24)	(24)	(24)	(23)	(25)
Urinary Bladder	(25)	(24)	(24)	(23)	(23)	(25)
SYSTEMIC LESIONS						
Multiple Organ	*(25)	*(25)	*(25)	*(25)	*(24)	*(25)
Histiocytic Sarcoma				1 (4%)	1 (4%)	
Leukemia Granulocytic				1 (4%)		
Lymphoma Malignant	2 (8%)	2 (8%)	1 (4%)	5 (20%)	4 (17%)	2 (8%)

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* Number of animals with any tissue examined microscopically

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Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE

AZT40,3TC25,NVP7

A60,3T37.5,N10.5

Disposition Summary

Animals Initially In Study	24	25
Early Deaths		
Moribund Sacrifice	1	
Natural Death	1	
Survivors		
Moribund Sacrifice	1	2
Natural Death		2
Terminal Sacrifice	21	21
Animals Examined Microscopically	22	25

ALIMENTARY SYSTEM

Gallbladder	(21)	(24)
Intestine Large, Cecum	(21)	(23)
Intestine Small, Duodenum	(21)	(24)
Sarcoma		1 (4%)
Intestine Small, Ileum	(21)	(23)
Liver	(22)	(25)
Carcinoma Nos, Metastatic, Pancreas		
Hepatocellular Carcinoma		
Mesentery	(0)	(2)
Carcinoma Nos, Metastatic, Pancreas		
Pancreas	(21)	(24)
Carcinoma Nos		
Salivary Glands	(22)	(25)
Stomach, Forestomach	(21)	(24)
Stomach, Glandular	(21)	(23)

CARDIOVASCULAR SYSTEM

Blood Vessel	(22)	(25)
Heart	(22)	(25)

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE

AZT40,3TC25,NVP7

A60,3T37.5,N10.5

ENDOCRINE SYSTEM

Adrenal Cortex	(22)	(25)
Islets, Pancreatic	(22)	(25)
Parathyroid Gland	(21)	(23)
Pituitary Gland	(22)	(23)
Pars Intermedia, Adenoma		1 (4%)
Thyroid Gland	(22)	(25)
C-cell, Adenoma		

GENERAL BODY SYSTEM

Tissue NOS	(0)	(0)
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GENITAL SYSTEM

Clitoral Gland	(22)	(22)
Ovary	(22)	(25)
Uterus	(22)	(25)
Polyp Stromal	1 (5%)	1 (4%)
Vagina	(22)	(23)

HEMATOPOIETIC SYSTEM

Bone Marrow	(22)	(24)
Lymph Node	(1)	(4)
Mediastinal, Carcinoma Nos, Metastatic, Pancreas		
Renal, Carcinoma Nos, Metastatic, Pancreas		
Lymph Node, Mandibular	(22)	(25)
Lymph Node, Mesenteric	(21)	(24)
Carcinoma Nos, Metastatic, Pancreas		
Spleen	(22)	(25)
Thymus	(21)	(24)

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AZT40,3TC25,NVP7

A60,3T37.5,N10.5

INTEGUMENTARY SYSTEM

Mammary Gland	(22)	(25)
Adenoacanthoma		1 (4%)
Adenocarcinoma		
Skin	(22)	(25)
Hemangiosarcoma		

MUSCULOSKELETAL SYSTEM

Bone	(1)	(0)
Cranium, Osteosarcoma	1 (100%)	
Mandible, Osteosarcoma		
Pelvis, Osteosarcoma		
Vertebra, Osteosarcoma		
Bone, Femur	(22)	(25)
Skeletal Muscle	(0)	(0)
Rhabdomyosarcoma		
Sarcoma		

NERVOUS SYSTEM

Brain, Brain Stem	(21)	(25)
Brain, Cerebellum	(21)	(25)
Brain, Cerebrum	(21)	(25)
Peripheral Nerve	(0)	(0)

RESPIRATORY SYSTEM

Lung	(22)	(25)
Adenocarcinoma, Metastatic, Mammary Gland		
Alveolar/Bronchiolar Adenoma	1 (5%)	1 (4%)

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Osteosarcoma, Metastatic, Bone		
Nose	(22)	(25)
Neuroblastoma		
Trachea	(21)	(25)

SPECIAL SENSES SYSTEM

Eye	(21)	(23)
Harderian Gland	(22)	(24)
Adenoma		1 (4%)

URINARY SYSTEM

Kidney	(22)	(25)
Urinary Bladder	(22)	(25)

SYSTEMIC LESIONS

Multiple Organ	*(22)	*(25)
Histiocytic Sarcoma	1 (5%)	1 (4%)
Leukemia Granulocytic		
Lymphoma Malignant	4 (18%)	4 (16%)

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	Vehicle	AZT 60	3TC 37.5	NVP 10.5	AZT 60 3TC 37.5	A20,3T12.5,NV3.5
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Tumor Summary for Females

Total Animals with Primary Neoplasms (b)	4	6	8	12	8	3
Total Primary Neoplasms	4	6	8	12	8	3
Total Animals with Benign Neoplasms	1	1		3		
Total Benign Neoplasms	1	1		3		
Total Animals with Malignant Neoplasms	3	4	8	9	8	3
Total Malignant Neoplasms	3	4	8	9	8	3
Total Animals with Metastatic Neoplasms	1	1	1		1	
Total Metastatic Neoplasms	1	5	1		1	
Total Animals with Malignant Neoplasms Uncertain Primary Site						
Total Animals with Neoplasms Uncertain- Benign or Malignant		1				
Total Uncertain Neoplasms		1				

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

b - Primary tumors: all tumors except metastatic tumors

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C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE

AZT40,3TC25,NVP7

A60,3T37.5,N10.5

Tumor Summary for Females

Total Animals with Primary Neoplasms (b)	7	9
Total Primary Neoplasms	8	11
Total Animals with Benign Neoplasms	2	4
Total Benign Neoplasms	2	4
Total Animals with Malignant Neoplasms	6	6
Total Malignant Neoplasms	6	7
Total Animals with Metastatic Neoplasms		
Total Metastatic Neoplasms		
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