TDMS No. 20310 - 04 Test Type: 26-39 WEEKS Route: GAVAGE Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

AZT+3TC combination CAS Number: AZT3TCCOMBO Date Report Requested: 05/04/2010 Time Report Requested: 12:30:59 First Dose M/F: NA / 12/22/06 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

TDMS No. 20310 - 04 Test Type: 26-39 WEEKS Route: GAVAGE Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)	P03: INCIDENCE R	ATES OF NON-NEOP AZT+3TC c CAS Number: A	combination	ANATOMIC SITE(a)	Date Report Requ Time Report Requ First Dose M/F: N/ Lab: NCTR	lested: 12:30:59
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
Disposition Summary						
Animals Initially In Study	25	25	25	25	24	25
Early Deaths Moribund Sacrifice Natural Death		1		1 1	2 1	1
Survivors						
Moribund Sacrifice		2	3	1	2	1
Natural Death Terminal Sacrifice	25	2 20	2 20	2 20	19	1 22
Animals Examined Microscopically	25	20	20 25	20 25	19 24	22
ALIMENTARY SYSTEM						
Gallbladder	(25)	(23)	(23)	(22)	(23)	(23)
Intestine Large, Cecum	(25)	(23)	(23)	(22)	(23)	(24)
Hyperplasia, Lymphoid			1 (4%)			
Intestine Small, Duodenum	(25)	(23)	(23)	(22)	(23)	(24)
Intestine Small, Ileum	(25)	(23)	(23)	(22)	(23)	(24)
Liver	(25)	(25)	(23)	(24)	(23)	(25)
Basophilic Focus		1 (4%)				
Clear Cell Focus			1 (4%)			
Hematopoietic Cell Proliferation		1 (4%)		1 (4%)		
Hepatodiaphragmatic Nodule			1 (4%)			
Infiltration Cellular, Lymphocyte	1 (4%)	3 (12%)	2 (9%)	6 (25%)	3 (13%)	2 (8%)
Inflammation, Chronic Active	1 (4%)	2 (8%)	1 (4%)	2 (8%)	2 (9%)	1 (4%)
Necrosis	0 (00()		0 (00()	0 (100()	0 (00()	1 (4%)
Tension Lipidosis	2 (8%)	40 (500()	2 (9%)	3 (13%)	2 (9%)	47 (000()
Vacuolization Cytoplasmic Centrilobular, Degeneration	14 (56%)	13 (52%)	14 (61%)	11 (46%)	13 (57%)	17 (68%)
Mesentery	(0)	(1)	(0)	1 (4%) (0)	(0)	$\langle 0 \rangle$
Fat, Necrosis	(0)	(1)	(0)	(0)	(0)	(0)
Pancreas	(25)	(25)	(25)	(22)	(23)	(25)
Infiltration Cellular, Lymphocyte	2 (8%)	4 (16%)	2 (8%)	1 (5%)	3 (13%)	3 (12%)
Necrosis	1 (4%)	- (10/0)	2 (070)	1 (070)	0 (1070)	0 (12/0)
Salivary Glands	(25)	(25)	(25)	(24)	(23)	(25)

TDMS No. 20310 - 04 Test Type: 26-39 WEEKS Route: GAVAGE Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)	P03: INCIDENCE R	AZT+3TC	LASTIC LESIONS BY A combination AZT3TCCOMBO	ANATOMIC SITE(a)	Date Report Requ Time Report Requ First Dose M/F: N/ Lab: NCTR	lested: 12:30:59
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
Infiltration Cellular, Lymphocyte Stomach, Forestomach Inflammation, Suppurative	22 (88%) (25)	17 (68%) (24) 1 (4%)	18 (72%) (24)	19 (79%) (24)	16 (70%) (23)	18 (72%) (25)
Inflammation, Chronic Active Ulcer Epithelium, Hyperplasia Stomach, Glandular	1 (4%) 2 (8%) (25)	1 (4%) 1 (4%) (23)	(23)	(22)	1 (4%) 1 (4%) 1 (4%) (23)	(25)
CARDIOVASCULAR SYSTEM						
Blood Vessel Heart Inflammation, Chronic Active Mineralization	(25) (25)	(25) (25)	(25) (25) 1 (4%) 1 (4%)	(25) (25) 1 (4%)	(23) (24)	(25) (25)
ENDOCRINE SYSTEM						
Adrenal Cortex Accessory Adrenal Cortical Nodule Hypertrophy Infiltration Cellular, Polymorphonuclear	(25) 1 (4%) 1 (4%)	(24)	(24)	(25) 1 (4%)	(23)	(25)
Vacuolization Cytoplasmic Subcapsular, Hyperplasia Islets, Pancreatic Hyperplasia	16 (64%) 25 (100%) (25)	14 (58%) 24 (100%) (24) 2 (8%)	16 (67%) 24 (100%) (25)	16 (64%) 24 (96%) (25) 1 (4%)	13 (57%) 22 (96%) (23)	15 (60%) 24 (96%) (25) 1 (4%)
Parathyroid Gland Cyst	(20)	(23)	(21)	(20)	(18)	(21) 1 (5%)
Infiltration Cellular, Lymphocyte Pituitary Gland Fibrosis	(25)	(25)	(24) 1 (4%)	(25)	1 (6%) (23)	(24)
Pars Distalis, Hyperplasia Thyroid Gland Cyst	(23)	(24)	(25)	(23) 1 (4%)	(22)	(25)
Ectopic Thymus	3 (13%)		1 (4%)		1 (5%)	1 (4%)

TDMS No. 20310 - 04 Test Type: 26-39 WEEKS Route: GAVAGE Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)	P03: INCIDENCE R	AZT+3TC o	LASTIC LESIONS BY combination AZT3TCCOMBO	ANATOMIC SITE(a)	Date Report Requ Time Report Requ First Dose M/F: N Lab: NCTR	lested: 12:30:59
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
GENERAL BODY SYSTEM						
Tissue NOS	(0)	(0)	(0)	(1)	(0)	(0)
GENITAL SYSTEM				· · · · · · · · · · · · · · · · · · ·		
Clitoral Gland Acinus, Degeneration Duct, Ectasia	(24) 9 (38%)	(24) 12 (50%)	(23) 6 (26%)	(21) 5 (24%)	(21) 6 (29%)	(24) 6 (25%)
Ovary Atrophy	(25) 1 (4%)	(24) 1 (4%)	(25) 1 (4%)	(24)	(23)	(25)
Cyst Cyst Dermoid Hemorrhage	1 (4%)	3 (13%)	1 (4%) 1 (4%)	2 (8%)	3 (13%)	3 (12%)
Uterus Atrophy	(25)	(25)	(25) 1 (4%)	(23)	(23)	(25)
Degeneration, Cystic Endometrium, Hyperplasia, Cystic Vagina Infiltration Cellular, Polymorphonuclear	22 (88%) (25)	1 (4%) 19 (76%) (24) 2 (8%)	19 (76%) (24)	19 (83%) (24) 2 (8%)	17 (74%) (23)	18 (72%) (25) 1 (4%)
HEMATOPOIETIC SYSTEM						
Bone Marrow Fibrosis	(25)	(24)	(24) 1 (4%)	(23)	(23)	(25)
Hyperplasia Lymph Node Lumbar, Hyperplasia, Lymphoid	1 (4%) (1)	2 (8%) (3)	2 (8%) (1)	1 (4%) (3)	3 (13%) (4)	(3) 1 (33%)
Lumbar, Sinus, Dilatation Pancreatic, Hyperplasia, Lymphoid Renal, Angiectasis		1 (33%) 1 (33%)				1 (33%)
Renal, Hyperplasia, Lymphoid Renal, Thrombus		1 (33%)				1 (33%)

TDMS No. 20310 - 04 Test Type: 26-39 WEEKS Route: GAVAGE Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)	P03: INCIDENCE R		LASTIC LESIONS BY combination AZT3TCCOMBO	ANATOMIC SITE(a)	Date Report Requ Time Report Requ First Dose M/F: N/ Lab: NCTR	lested: 12:30:59
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
Lymph Node, Mandibular	(25)	(25)	(24)	(24)	(23)	(25)
Hyperplasia, Lymphoid Lymph Node, Mesenteric Angiectasis	3 (12%) (25)	(24) 1 (4%)	3 (13%) (23)	4 (17%) (24)	2 (9%) (23)	4 (16%) (25)
Hyperplasia, Lymphoid Spleen	1 (4%) (25)	3 (13%) (25)	3 (13%) (24)	4 (17%) (24)	3 (13%) (23)	3 (12%) (25)
Hematopoietic Cell Proliferation Hyperplasia, Lymphoid	2 (8%) 20 (80%)	8 (32%) 16 (64%)	7 (29%) 17 (71%)	6 (25%) 14 (58%)	6 (26%) 14 (61%)	2 (8%) 19 (76%)
Thymus Atrophy	(25) 1 (4%)	(21)	(22) 2 (9%)	(22)	(24)	(25)
Hyperplasia, Lymphoid	6 (24%)	2 (10%)	2 (9%)	8 (36%)	6 (25%)	9 (36%)
NTEGUMENTARY SYSTEM						
Mammary Gland Skin Inflammation, Suppurative Ulcer	(25) (25)	(25) (25) 1 (4%) 1 (4%)	(25) (25)	(23) (25)	(23) (23)	(25) (25)
MUSCULOSKELETAL SYSTEM						
Bone Bone, Femur Fibro-Osseous Lesion	(0) (25) 1 (4%)	(0) (25)	(2) (25)	(0) (25)	(0) (24)	(2) (25)
Skeletal Muscle Degeneration	(0)	(1)	(2) 1 (50%)	(0)	(0)	(0)
NERVOUS SYSTEM					·	
Brain, Brain Stem Brain, Cerebellum Hemorrhage	(25) (25)	(24) (24) 1 (4%)	(25) (25)	(24) (24)	(23) (23)	(25) (25)
Brain, Cerebrum Mineralization	(25) 2 (8%)	(24)	(25)	(24) 3 (13%)	(23)	(25) 1 (4%)

TDMS No. 20310 - 04 Test Type: 26-39 WEEKS Route: GAVAGE Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)	P03: INCIDENCE R		LASTIC LESIONS BY	ANATOMIC SITE(a)	Date Report Requ Time Report Requ First Dose M/F: N/ Lab: NCTR	lested: 12:30:59
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
Peripheral Nerve Axon, Degeneration	(0)	(0)	(1) 1 (100%)	(0)	(0)	(0)
RESPIRATORY SYSTEM						
Lung Hemorrhage Infiltration Cellular, Lymphocyte	(25)	(24) 1 (4%)	(24)	(24) 1 (4%)	(24)	(25) 1 (4%) 1 (4%)
Inflammation, Chronic Active Metaplasia, Osseous		1 (4%)			1 (4%)	1 (4%)
Nose	(25)	(25)	(25)	(24)	(24)	(25)
Hyaline Droplet Trachea	1 (4%) (25)	3 (12%) (24)	4 (16%) (24)	1 (4%) (24)	6 (25%) (23)	4 (16%) (25)
SPECIAL SENSES SYSTEM						
Eye Cataract	(25)	(23)	(23)	(22)	(23)	(24)
Harderian Gland	(25)	(24)	(25)	(25)	(23)	(25)
Infiltration Cellular, Lymphocyte Inflammation, Chronic Active	2 (8%)		1 (4%)		1 (4%)	1 (4%)
URINARY SYSTEM						
Kidney Casts Protein Hydronephrosis	(25) 14 (56%)	(24) 14 (58%)	(24) 8 (33%)	(24) 10 (42%)	(23) 12 (52%)	(25) 15 (60%)
Infarct	1 (4%)					
Infiltration Cellular, Lymphocyte Metaplasia, Osseous	11 (44%)	10 (42%)	11 (46%)	15 (63%)	11 (48%)	13 (52%)
Mineralization Renal Tubule, Regeneration			1 (4%) 1 (4%)			
Urinary Bladder	(25)	(24)	(24)	(23)	(23)	(25)
Infiltration Cellular, Lymphocyte	8 (32%)	4 (17%)	8 (33%)	4 (17%)	8 (35%)	5 (20%)

TDMS No. 20310 - 04 Test Type: 26-39 WEEKS Route: GAVAGE Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)	P03: INCIDENCE R	AZT+3TC	PLASTIC LESIONS BY combination AZT3TCCOMBO	ANATOMIC SITE(a)	Date Report Requ Time Report Requ First Dose M/F: N/ Lab: NCTR	lested: 12:30:59
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

TDMS No. 20310 - 04 Test Type: 26-39 WEEKS Route: GAVAGE Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

AZT+3TC combination

CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010 Time Report Requested: 12:30:59 First Dose M/F: NA / 12/22/06 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)	(24)	
Hyperplasia, Lymphoid	(21)	(23)	
Intestine Small, Duodenum	(21)	(24)	
Intestine Small, Ileum	(21)	(24)	
Liver	(21)	(25)	
Basophilic Focus	1 (5%)	(23)	
Clear Cell Focus	1 (5%)		
Hematopoietic Cell Proliferation	T (3%)		
Hepatodiaphragmatic Nodule			
Infiltration Cellular, Lymphocyte	4 (18%)	4 (16%)	
Inflammation, Chronic Active	4 (1070)		
Necrosis		3 (12%)	
	1 (100/)	2 (120/)	
Tension Lipidosis	4 (18%) 12 (50%)	3 (12%)	
Vacuolization Cytoplasmic	13 (59%)	15 (60%)	
Centrilobular, Degeneration	(0)	3 (12%)	
Mesentery	(0)	(2)	
Fat, Necrosis	(04)	2 (100%)	
Pancreas	(21)	(24)	
Infiltration Cellular, Lymphocyte	5 (24%)	2 (8%)	
Necrosis	(00)		
Salivary Glands	(22)	(25)	

TDMS No. 20310 - 04
Test Type: 26-39 WEEKS
Route: GAVAGE
Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

AZT+3TC combination

CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010 Time Report Requested: 12:30:59 First Dose M/F: NA / 12/22/06 Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	AZT40,3TC25,NVP7	A60,3T37.5,N10.5
Infiltration Cellular, Lymphocyte	12 (55%)	20 (80%)
Stomach, Forestomach	(21)	(24)
Inflammation, Suppurative		. ,
Inflammation, Chronic Active		
Ulcer		
Epithelium, Hyperplasia		1 (4%)
Stomach, Glandular	(21)	(23)
CARDIOVASCULAR SYSTEM		
Blood Vessel	(22)	(25)
Heart	(22)	(25)
Inflammation, Chronic Active		(-)
Mineralization		
ENDOCRINE SYSTEM		
Adrenal Cortex	(22)	(25)
Accessory Adrenal Cortical Nodule	()	()
Hypertrophy		
Infiltration Cellular, Polymorphonuclear		1 (4%)
Vacuolization Cytoplasmic	16 (73%)	18 (72%)
Subcapsular, Hyperplasia	20 (91%)	24 (96%)
Islets, Pancreatic	(22)	(25)
Hyperplasia		1 (4%)
Parathyroid Gland	(21)	(23)
Cyst		
Infiltration Cellular, Lymphocyte		
Pituitary Gland	(22)	(23)
Fibrosis		·
Pars Distalis, Hyperplasia		1 (4%)
Thyroid Gland	(22)	(25)
Cyst	1 (5%)	
Ectopic Thymus	2 (9%)	2 (8%)

TDMS No. 20310 - 04 Test Type: 26-39 WEEKS Route: GAVAGE Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)	P03: INCIDENCE R	ATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SI AZT+3TC combination CAS Number: AZT3TCCOMBO	ITE(a) Date Report Requested: 05/04/2010 Time Report Requested: 12:30:59 First Dose M/F: NA / 12/22/06 Lab: NCTR
C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	AZT40,3TC25,NVP7	A60,3T37.5,N10.5	
GENERAL BODY SYSTEM			
Tissue NOS	(0)	(0)	
GENITAL SYSTEM			
Clitoral Gland Acinus, Degeneration Duct, Ectasia Ovary Atrophy Cyst Cyst Dermoid	(22) 5 (23%) (22) 1 (5%) 1 (5%)	(22) 11 (50%) 1 (5%) (25)	
Hemorrhage Uterus Atrophy Degeneration, Cystic	(22)	1 (4%) (25)	
Endometrium, Hyperplasia, Cystic Vagina Infiltration Cellular, Polymorphonuclear	16 (73%) (22)	17 (68%) (23) 2 (9%)	
HEMATOPOIETIC SYSTEM			
Bone Marrow Fibrosis	(22)	(24)	
Hyperplasia Lymph Node Lumbar, Hyperplasia, Lymphoid Lumbar, Sinus, Dilatation Pancreatic, Hyperplasia, Lymphoid Renal, Angiectasis Renal, Hyperplasia, Lymphoid Renal, Thrombus	(1)	3 (13%) (4)	

TDMS No. 20310 - 04 Test Type: 26-39 WEEKS Route: GAVAGE Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

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

AZT+3TC combination

CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010 Time Report Requested: 12:30:59 First Dose M/F: NA / 12/22/06 Lab: NCTR

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	AZT40,3TC25,NVP7	A60,3T37.5,N10.5
	(00)	
Lymph Node, Mandibular	(22)	(25)
Hyperplasia, Lymphoid	2 (9%)	1 (4%)
Lymph Node, Mesenteric	(21)	(24)
Angiectasis	2(100/)	2 (420/)
Hyperplasia, Lymphoid	2 (10%)	3 (13%)
Spleen	(22)	(25)
Hematopoietic Cell Proliferation	8 (36%)	7 (28%)
Hyperplasia, Lymphoid	16 (73%)	16 (64%)
Thymus	(21)	(24)
Atrophy	0 (100()	= (0.10()
Hyperplasia, Lymphoid	2 (10%)	5 (21%)
INTEGUMENTARY SYSTEM		
Mammary Gland	(22)	(25)
Skin	(22)	(25)
Inflammation, Suppurative	()	(20)
Ulcer		
MUSCULOSKELETAL SYSTEM		
Bone	(1)	(0)
Bone, Femur	(22)	(25)
Fibro-Osseous Lesion	(/	()
Skeletal Muscle	(0)	(0)
Degeneration		(0)
NERVOUS SYSTEM		
Brain, Brain Stem	(21)	(25)
Brain, Cerebellum	(21)	(25)
Hemorrhage	X /	x - 7
Brain, Cerebrum	(21)	(25)
Mineralization	2 (10%)	()
	2 (10/0)	

TDMS No. 20310 - 04	
Test Type: 26-39 WEEKS	

Route: GAVAGE

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

AZT+3TC combination

CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010 Time Report Requested: 12:30:59 First Dose M/F: NA / 12/22/06 Lab: NCTR

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

C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	AZT40,3TC25,NVP7	A60,3T37.5,N10.5
Peripheral Nerve Axon, Degeneration	(0)	(0)
RESPIRATORY SYSTEM		
Lung	(22)	(25)
Hemorrhage Infiltration Cellular, Lymphocyte Inflammation, Chronic Active Metaplasia, Osseous		3 (12%)
Nose	(22)	(25)
Hyaline Droplet	1 (5%)	6 (24%)
Trachea	(21)	(25)
SPECIAL SENSES SYSTEM		
Eye	(21)	(23)
Cataract		1 (4%)
Harderian Gland	(22)	(24)
Infiltration Cellular, Lymphocyte		
Inflammation, Chronic Active		
URINARY SYSTEM		
Kidney	(22)	(25)
Casts Protein	9 (41%)	15 (60%)
Hydronephrosis		3 (12%)
Infarct		-
Infiltration Cellular, Lymphocyte	7 (32%)	11 (44%)
Metaplasia, Osseous		1 (4%)
Mineralization		
Renal Tubule, Regeneration		
Urinary Bladder	(22)	(25)
Infiltration Cellular, Lymphocyte	5 (23%)	3 (12%)

TDMS No. 20310 - 04	P03: INCIDENCE RA	TES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(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
C3B6F1-+/Trp53(tm1Brd) NCTR MICE FEMALE	AZT40,3TC25,NVP7	A60,3T37.5,N10.5	

*** END OF REPORT ***