

Experiment Number: 05182-05
Test Type: 1-YEAR
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic model evaluation (Phenolphthalein)
CAS Number: 77-09-8

Date Report Requested: 10/19/2014
Time Report Requested: 08:26:36
First Dose M/F: NA / NA
Lab: ILS

C Number: C55798C
Lock Date: 11/25/1996
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Female
PWG Approval Date: NONE

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P53(C57BL/6) Mouse Female		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		8	8	8	8	8	8	9	9	8	8	9	8	8	9	8	8	9	2	9
	0 PPM	6	9	9	3	5	9	1	1	5	3	0	6	4	0	5	4	3	1	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
*TOTALS																				

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	18
Cyst																		1		1 1.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	18
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Centrilobular, Hepatocyte, Necrosis																			2	1 2.0
Inflammation, Chronic	2	2			1				2										2	5 1.8
Necrosis					1						1	1			1				1	5 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Acinar Cell, Atrophy					2															1 2.0
Infiltration Cellular, Lymphocyte					1															1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Infiltration Cellular, Lymphocyte	1	1	1	1	2		2	2	1	1	1		2	1	1	2		1		15 1.3
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

Cardiovascular System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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P53(C57BL/6) Mouse Female 0 PPM	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	8	9	9	8	8	9	8	8	9	8	8	8	9	2	9	
	6	9	9	3	5	9	1	1	5	3	0	6	4	0	5	4	3	1	3	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Endocrine System																					
Adrenal Cortex	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Necrosis			1																		1 1.0
Adrenal Medulla	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Parathyroid Gland	+	M	M	+	+	+	+	+	M	+	+	+	+	M	+	M	+	M	+	M	13
Cyst									2												1 2.0
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	18
Pars Distalis, Cyst									1												1 1.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Ectopic Thymus			2	1										1				1			4 1.3
Inflammation, Chronic																				1	1 1.0
General Body System																					
NONE																					
Genital System																					
Clitoral Gland	M	M	+	+	M	M	+	+	M	M	M	I	I	+	+	+	I	M	+	M	8
Inflammation, Acute														1							1 1.0
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Cyst														2				2	2		3 2.0
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Hyperplasia, Cystic	2	1	1	1	1	2	2	2	2	1		1	1	2			2	1	1	2	17 1.5

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	8	9	9	8	8	9	8	8	9	8	8	8	9	2	9	
	6	9	9	3	5	9	1	1	5	3	0	6	4	0	5	4	3	1	3	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	19
Lymph Node		+						+													2
Bronchial, Hyperplasia, Lymphoid		2						2													2 2.0
Lymph Node, Mandibular	+	+	+	+	+	+	M	+	M	+	+	M	+	+	+	M	+	+	+	+	16
Hyperplasia, Lymphoid		2						1													2 1.5
Necrosis, Lymphoid																			2		1 2.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Necrosis, Lymphoid																			2		1 2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Hematopoietic Cell Proliferation																			2		1 2.0
Hyperplasia, Lymphoid								1										1	1		3 1.0
Lymph Follic, Necrosis, Lymphoid																			2		1 2.0
Thymus	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Cortex, Atrophy		1								1	2										3 1.3
Cortex, Necrosis, Lymphoid																			4		1 4.0
Cyst											1	1	1	2		1					5 1.2
Hyperplasia, Focal		1																			1 1.0

Integumentary System

Mammary Gland	+	M	+	+	M	+	+	+	I	I	+	+	+	+	+	+	+	+	M	+	15
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	8	9	9	8	8	9	8	8	9	8	8	8	9	2	9	
	6	9	9	3	5	9	1	1	5	3	0	6	4	0	5	4	3	1	3	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	8	
Musculoskeletal System																					
Bone	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	19
Femur, Fibrosis																					1 1.0
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Nervous System																					
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Respiratory System																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Alveolus, Infiltration Cellular, Histiocyte																				1	1 1.0
Interstitialium, Inflammation, Chronic																				1	1 1.0
Perivascular, Inflammation, Chronic	1	2				1	2	1	1	1	2	1	1		1	2	1	1			14 1.3
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Inflammation, Acute																				1	1 1.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Special Senses System																					
NONE																					
Urinary System																					
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	19

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P53(C57BL/6) Mouse Female	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
200 PPM	8	8	9	8	8	8	8	8	5	9	8	8	9	9	8	8	9	8	9	8
ANIMAL ID	9	3	1	5	3	6	5	6	5	0	3	6	1	0	9	4	0	9	1	4
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
	*TOTALS																			

Alimentary System

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Rectum	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	19
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

Cardiovascular System

Heart																						1
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Endocrine System

NONE

General Body System

NONE

Genital System

Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
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Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
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P53(C57BL/6) Mouse Female 200 PPM	DAY ON TEST																				*TOTALS		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
	8	8	9	8	8	8	8	8	5	9	8	8	9	9	8	8	9	8	9	8			
	9	3	1	5	3	6	5	6	5	0	3	6	1	0	9	4	0	9	1	4			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7			
	9	0	1	2	3	4	5	6	6	7	8	9	0	1	2	3	4	5	6	7	8		
Hypercellularity									2				2								2	2.0	
Lymph Node					+								+								2		
Lymph Node, Mandibular	+	+	+	+	+	+	+	M	+	M	+	+	+	I	+	+	M	M	+	M	14		
Hyperplasia, Lymphoid			1				1														2	1.0	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	19		
Hyperplasia, Lymphoid				2	2											1					3	1.7	
Spleen								+	+	+			+	+							5		
Hematopoietic Cell Proliferation								2	2	2			3								4	2.3	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Cortex, Atrophy								2					1							3	3	2.0	
Cyst			2																		1	2.0	
Hyperplasia, Focal															2						1	2.0	
Integumentary System																							
Skin										+			+				+				3		
Inflammation, Chronic																	1				1	1.0	
Inflammation, Chronic Active										3											1	3.0	
Ulcer										3											1	3.0	
Musculoskeletal System																							
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Nervous System																							
NONE																							

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
P53(C57BL/6) Mouse Female 200 PPM		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		8	8	9	8	8	8	8	8	5	9	8	8	9	9	8	8	9	8	9	8
		9	3	1	5	3	6	5	6	5	0	3	6	1	0	9	4	0	9	1	4
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7
		9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
*TOTALS																					

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:37
 First Dose M/F: NA / NA
 Lab: ILS

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P53(C57BL/6) Mouse Female	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
375 PPM	9	8	8	9	8	9	8	8	9	9	8	8	8	8	8	8	8	9	4	8
ANIMAL ID	0	4	6	1	6	0	6	9	1	0	9	4	9	4	3	3	5	1	9	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
	*TOTALS																			

Alimentary System

Gallbladder																					+	1	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	19	
Intestine Large, Rectum	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	19	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Liver																						+	1
Hepatocyte, Vacuolization Cytoplasmic																						2	1 2.0
Pancreas				+																			1
Duct, Ectasia				4																			1 4.0
Inflammation, Acute				3																			1 3.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19	
Inflammation, Acute				2																			1 2.0

Cardiovascular System

NONE																							
Endocrine System																							
Pituitary Gland																						I	0

General Body System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:37
 First Dose M/F: NA / NA
 Lab: ILS

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P53(C57BL/6) Mouse Female	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
375 PPM	9	8	8	9	8	9	8	8	9	9	8	8	8	8	8	8	8	9	4	8
ANIMAL ID	0	4	6	1	6	0	6	9	1	0	9	4	9	4	3	3	5	1	9	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
	*TOTALS																			

NONE																				
Genital System																				
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Atrophy									2											1 2.0
Cyst			2											3		2				3 2.3
Hematopoietic System																				
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	19
Lymph Node		+										+								2
Lumbar, Infiltration Cellular, Plasma Cell												4								1 4.0
Lymph Node, Mandibular	M	+	+	M	M	+	M	M	M	M	+	+	+	+	M	+	+	+	+	12
Hyperplasia, Lymphoid			1											4	1		1			4 1.8
Lymph Node, Mesenteric	M	+	M	+	M	M	M	M	M	+	+	+	M	+	+	+	+	+	+	12
Hyperplasia, Lymphoid			1											2			1			3 1.3
Spleen													+	+						2
Hematopoietic Cell Proliferation														3	2					2 2.5
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Cortex, Atrophy														1	2			1		3 1.3
Cyst								2		1									1	3 1.3
Hyperplasia, Atypical										3										1 3.0
Hyperplasia, Focal	1										1					1				3 1.0
Integumentary System																				

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:38
 First Dose M/F: NA / NA
 Lab: ILS

	DAY ON TEST																					
P53(C57BL/6) Mouse Female 375 PPM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	9	8	8	9	8	9	8	8	9	9	8	8	8	8	8	8	8	9	4	8		
	0	4	6	1	6	0	6	9	1	0	9	4	9	4	3	3	5	1	9	5		
	ANIMAL ID																					
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9		
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	*TOTALS	
Skin																				+	1	
Subcut Tiss, Inflammation, Chronic																				4	1 4.0	
Musculoskeletal System																						
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19	
Nervous System																						
Brain																					+	1
Respiratory System																						
NONE																						
Special Senses System																						
NONE																						
Urinary System																						
NONE																						

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:38
 First Dose M/F: NA / NA
 Lab: ILS

P53(C57BL/6) Mouse Female 750 PPM	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	7	8	8	8	8	8	9	8	8	6	8	9	8	9	8	8	3	9	8	8	
	9	3	5	4	6	6	0	9	9	4	9	0	3	1	4	4	4	1	6	5	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	
	9	0	1	2	3	4	5	6	7	8	9	0	1	1	2	3	4	5	6	7	8

Alimentary System

Esophagus	+																				1	
Gallbladder	+																					1
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	19	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Intestine Small, Ileum	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	19	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Liver	+										+										2	
Hematopoietic Cell Proliferation	1																				1	1.0
Inflammation, Chronic											2										1	2.0
Necrosis	1																				1	1.0
Pancreas	+																				1	
Salivary Glands	+																				1	
Infiltration Cellular, Lymphocyte	1																				1	1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	19	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	19	

Cardiovascular System

Heart	+										+										2
-------	---	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--	---

Endocrine System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:26:38

First Dose M/F: NA / NA

Lab: ILS

P53(C57BL/6) Mouse Female 750 PPM	DAY ON TEST																				*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	7	8	8	8	8	8	9	8	8	6	8	9	8	9	8	8	3	9	8	8		
	9	3	5	4	6	6	0	9	9	4	9	0	3	1	4	4	4	1	6	5		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1		
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8		
Adrenal Cortex	+																				1	
Adrenal Medulla	+																				1	
Parathyroid Gland	+																				1	
Pituitary Gland	+																				1	
Thyroid Gland	+																				1	
General Body System																						
NONE																						
Genital System																						
Clitoral Gland	M																				0	
Ovary	+ + + + + + + + + + + + + + + + + + + +																				20	
Cyst																					1	1.0
Uterus	+																				1	
Hyperplasia, Cystic	1																				1	1.0
Hematopoietic System																						
Bone Marrow	+ + + + + + + + + + + + + + + + + + + +																				20	
Lymph Node																					2	
Lymph Node, Mandibular	+ I + + + + + M M M + M + M + + + I I M																				11	
Hyperplasia, Lymphoid																					1	1.0
Lymph Node, Mesenteric	+ + + + M M + + + + M M + + + + + M + +																				15	
Hyperplasia, Lymphoid																					2	2.0
Spleen	+ + + + + + + + + + + + + + + + + + + +																				3	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:38
 First Dose M/F: NA / NA
 Lab: ILS

P53(C57BL/6) Mouse Female 750 PPM	DAY ON TEST																				*TOTALS		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
	7	8	8	8	8	8	9	8	8	6	8	9	8	9	8	8	3	9	8	8			
	9	3	5	4	6	6	0	9	9	4	9	0	3	1	4	4	4	1	6	5			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9			
	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1			
	9	0	1	2	3	4	5	6	7	8	9	0	1	1	2	3	4	5	6	7	8		
																					*TOTALS		
Hematopoietic Cell Proliferation																					1	1.0	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Cyst																					1	1.0	
Hyperplasia, Atypical																					1	2	2.3
Integumentary System																							
Mammary Gland																					1		
Skin																					1		
Musculoskeletal System																							
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Femur, Fibrosis																					1	1	1.0
Skeletal Muscle																					1		
Nervous System																							
Brain																					1		
Respiratory System																							
Lung																					2		
Nose																					1		
Trachea																					1		
Special Senses System																							
NONE																							

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:38
 First Dose M/F: NA / NA
 Lab: ILS

		DAY ON TEST																				
P53(C57BL/6) Mouse Female		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	750 PPM	7	8	8	8	8	8	9	8	8	6	8	9	8	9	8	8	3	9	8		
		9	3	5	4	6	6	0	9	9	4	9	0	3	1	4	4	4	1	6		
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
		9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1		
		9	0	1	2	3	4	5	6	7	8	9	0	1	1	2	3	4	5	6	*TOTALS	

Urinary System

Kidney	+	1
Urinary Bladder	+	1

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:38
 First Dose M/F: NA / NA
 Lab: ILS

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
P53(C57BL/6) Mouse Female 3000 PPM		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		4	3	1	4	8	8	8	5	8	7	3	8	6	6	1	8	0	8	1	6
		1	6	3	1	3	2	4	0	5	2	3	3	5	4	3	4	9	5	3	9
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
		1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	
		9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
																				*TOTALS	

Alimentary System

Esophagus	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Gallbladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Cecum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Colon		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Rectum		+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Intestine Small, Duodenum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Ileum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Small, Jejunum		+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	19
Liver		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Hematopoietic Cell Proliferation												1							1	2 1.0
Inflammation, Acute				1																1 1.0
Necrosis								1												1 1.0
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Salivary Glands		+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	18
Infiltration Cellular, Lymphocyte								1		1										2 1.0
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

Cardiovascular System

Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
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Endocrine System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:38
 First Dose M/F: NA / NA
 Lab: ILS

P53(C57BL/6) Mouse Female 3000 PPM	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	4	3	1	4	8	8	8	5	8	7	3	8	6	6	1	8	0	8	1	6	
	1	6	3	1	3	2	4	0	5	2	3	3	5	4	3	4	9	5	3	9	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	19
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	19
Parathyroid Gland	M	+	+	M	M	+	+	M	+	+	+	+	M	+	+	+	+	+	M	14	
Pituitary Gland	+	+	M	I	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	17	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Inflammation, Chronic												1								1 1.0	
General Body System																					
NONE																					
Genital System																					
Clitoral Gland	M	M	M	M	+	M	+	M	M	M	+	M	M	M	+	M	I	M	M	4	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Cyst						2								2		2				3 2.0	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Hyperplasia, Cystic				1	2	2	1	2	2	2	1	2	2	1	1	2			2	14 1.6	
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	19	
Hypercellularity			1	1																2 1.0	
Lymph Node	+	+	+	+	+	+				+	+			+	+		+	+	+	12	
Lymph Node, Mandibular	+	+	+	+	I	M	+	+	+	+	M	M	M	+	+	+	+	+	+	15	
Lymph Node, Mesenteric	M	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	16	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
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 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:38
 First Dose M/F: NA / NA
 Lab: ILS

P53(C57BL/6) Mouse Female 3000 PPM	DAY ON TEST																							
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	4	3	1	4	8	8	8	5	8	7	3	8	6	6	1	8	0	8	1	6				
	1	6	3	1	3	2	4	0	5	2	3	3	5	4	3	4	9	5	3	9				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9				
	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3				
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8				
																					*TOTALS			
Hematopoietic Cell Proliferation				1								1				1				1	1	5	1.0	
Hyperplasia, Lymphoid											2										3		2	2.5
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20			
Cyst											2												1	2.0
Hyperplasia, Atypical							3		3										3		3	3.0		
Integumentary System																								
Mammary Gland	M	+	+	+	+	+	+	I	+	+	+	+	M	I	M	+	+	+	+	+	15			
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20			
Musculoskeletal System																								
Bone	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	19			
Femur, Fibrosis																1					1	1.0		
Skeletal Muscle	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	18			
Nervous System																								
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20			
Respiratory System																								
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20			
Perivascular, Inflammation, Chronic					1												1		2	1.0				
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20			
Turbinate, Inflammation, Acute																1					1	1.0		
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20			

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
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 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:39
 First Dose M/F: NA / NA
 Lab: ILS

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
P53(C57BL/6) Mouse Female 3000 PPM		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		4	3	1	4	8	8	8	5	8	7	3	8	6	6	1	8	0	8	1	6
		1	6	3	1	3	2	4	0	5	2	3	3	5	4	3	4	9	5	3	9
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
		1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	
		9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
*TOTALS																					

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Urinary Bladder	I	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	18

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:39
 First Dose M/F: NA / NA
 Lab: ILS

P53(C57BL/6) Mouse Female 12000 PPM	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	9	8	8	8	9	8	8	8	7	8	8	8	7	8	8	6	8	7	9	9	
	0	9	6	9	1	6	6	5	6	4	3	4	5	8	3	4	5	2	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	
	9	0	1	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	1	

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Cyst											1											1	1.0
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Intestine Large, Rectum	M	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	16		
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Intestine Small, Ileum	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	19		
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Hematopoietic Cell Proliferation											3											1	3.0
Necrosis			1			1						1										3	1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Acinar Cell, Degeneration											1			2								2	1.5
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Infiltration Cellular, Lymphocyte											1											1	1.0
Parotid Gl, Atrophy			1																			1	1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
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* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
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 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:39
 First Dose M/F: NA / NA
 Lab: ILS

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P53(C57BL/6) Mouse Female	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12000 PPM	9	8	8	8	9	8	8	8	7	8	8	8	8	7	8	6	8	7	9	9
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6
	9	0	1	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	1
																				*TOTALS

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Parathyroid Gland	+	+	+	+	+	M	M	M	M	+	+	+	+	+	+	+	+	+	+	16
Infiltration Cellular, Lymphocyte				1																1 1.0
Pituitary Gland	+	+	+	M	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	17
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Follicle, Cyst				1																1 1.0

General Body System

NONE

Genital System

Clitoral Gland	+	M	M	M	+	M	+	M	M	I	I	+	I	M	+	M	M	M	I	+	6
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Cyst											3				1						2 2.0
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Hyperplasia, Cystic	1	2	1	3	2	2	2	1	2	1		1	2	2	2	2	2		1	2	18 1.7

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	19
Hypercellularity			1									1									2 1.0
Lymph Node					+				+	+				+		+			+		6
Lymph Node, Mandibular	M	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	M	+	M	+	15

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

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Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:39
 First Dose M/F: NA / NA
 Lab: ILS

P53(C57BL/6) Mouse Female 12000 PPM	DAY ON TEST																				*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	9	8	8	8	9	8	8	8	7	8	8	8	7	8	8	6	8	7	9	9		
	0	9	6	9	1	6	6	5	6	4	3	4	5	8	3	4	5	2	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6		
	9	0	1	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	1		
Lymph Node, Mandibular	M	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	M	+	M	+		
Lymph Node, Mesenteric	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+		
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Hematopoietic Cell Proliferation		2	1					1	1	1	2		1	3	1	1		1	1	1		
Hyperplasia, Lymphoid											1									2		
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Hyperplasia, Atypical	3			3				3			3								3			
Integumentary System																						
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	I	M	I	+		
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Musculoskeletal System																						
Bone	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+		
Maxilla, Fibrosis	1																			1		
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Nervous System																						
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+		
Brain, Cerebrum																+				1		
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Alveolar Epith, Hyperplasia				3																1		
Alveolus, Inflammation, Acute															1					1		

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
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 A ..Autolysis precludes evaluation
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 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 05182-05
 Test Type: 1-YEAR
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (Phenolphthalein)
 CAS Number: 77-09-8

Date Report Requested: 10/19/2014
 Time Report Requested: 08:26:39
 First Dose M/F: NA / NA
 Lab: ILS

P53(C57BL/6) Mouse Female 12000 PPM	DAY ON TEST																				ANIMAL ID	*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
	9	8	8	8	9	8	8	8	7	8	8	8	8	7	8	6	8	7	9	9	0	9	6
	0	9	6	9	1	6	6	5	6	4	3	4	5	8	3	4	5	2	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6	6	6
	9	0	1	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	1	1	1.0	
Interstitial, Inflammation, Chronic					1																1	1.0	
Perivascular, Inflammation, Chronic			1				1			1	1	1									5	1.0	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Olfactory Epi, Degeneration, Hyaline												2									1	2.0	
Respirat Epith, Degeneration, Hyaline												2									1	2.0	
Trachea	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19		
Special Senses System																							
NONE																							
Urinary System																							
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Cortex, Atrophy			1																		1	1.0	
Cortex, Cyst	1																				1	1.0	
Renal Tubule, Regeneration			1		1											1					3	1.0	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		

** END OF REPORT **

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