

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:19

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

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:19

First Dose M/F: NA / NA

Lab: ILS

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

TOTALS*Alimentary System**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Gallbladder	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	18
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
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	19
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	19
Parathyroid Gland	+	+	+	+	M	+	M	+	+	+	M	M	+	+	M	M	+	+	M	13
Pituitary Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	18

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:20

First Dose M/F: NA / NA

Lab: ILS

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

* ..Total animals with tissue examined microscopically: Total animals with tumor

M ..Missing tissue

± ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

| Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:20

First Dose M/F: NA / NA

Lab: ILS

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

Bone	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	19
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Nervous System																				
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Respiratory System																				
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Special Senses System																				
NONE																				
Urinary System																				
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Urinary Bladder	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	19
SYSTEMIC LESIONS																				
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:20

First Dose M/F: NA / NA

Lab: ILS

P53(C57BL/6) Mouse Female 200 PPM	DAY ON TEST	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
	5	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9
	5	3	3	3	4	4	5	5	6	6	6	9	9	0	0	0	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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
-------	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

Endocrine System

NONE

General Body System

NONE

Genital System

Ovary

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Hematopoietic System

Bone Marrow

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:20

First Dose M/F: NA / NA

Lab: ILS

P53(C57BL/6) Mouse Female 200 PPM	DAY ON TEST	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
		5	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9
		5	3	3	3	4	4	5	5	6	6	9	9	0	0	0	1	1
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lymph Node		+																2
Lymph Node, Mandibular		+	+	+	+	+	M	+	+	+	M	+	+	+	M	M	I	14
Plasma Cell Tumor Malignant		X																1
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	19
Spleen		+																5
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Integumentary System																		
Skin		+																3
Musculoskeletal System																		
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Nervous System																		
NONE																		
Respiratory System																		
NONE																		
Special Senses System																		
NONE																		
Urinary System																		
NONE																		
SYSTEMIC LESIONS																		

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:20

First Dose M/F: NA / NA

Lab: ILS

DAY ONE

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

*TOTALS

Multiple Organ Lymphoma Malignant

+ +

2

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

± ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

| ..Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:20

First Dose M/F: NA / NA

Lab: ILS

Alimentary System

Cardiovascular System

NONE

Endocrine System

Pituitary Gland | 0

General Body System

NONE

Genital System

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

± ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

| ..Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:20

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

***TOTALS**

Hematopoietic System

Integumentary System

Skin + 1

Musculoskeletal System

Nervous System

Brain + 1

Respiratory System

NONE

Special Senses System

NONE

Urinary System

* Total animals with tissue examined microscopically: Total animals with tumor

M .. Missing tissue

† Tissue examined microscopically

A. Autolysis precludes evaluation

X - Lesion present

BLANK - Not examined microscopically

| - Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:20

First Dose M/F: NA / NA

Lab: ILS

DAY ON TH

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| 4 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 |
| 9 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 9 | 9 | 9 | 0 | 0 | 1 | 1 | 1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 |
| 9 | 9 | 9 | 8 | 8 | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 9 | 7 | 8 | 8 | 8 | 8 |
| 7 | 3 | 4 | 0 | 0 | 0 | 2 | 5 | 8 | 1 | 3 | 5 | 6 | 9 | 9 | 4 | 2 | 7 | 6 |

***TOTALS**

NONE

SYSTEMIC LESIONS

Multiple Organ

20

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ .. Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

| ..Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:20

First Dose M/F: NA / NA

Lab: ILS

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

TOTALS*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 | + | 19 |
| Intestine Small, Jejunum | + | 20 |
| Liver | + | 2 |
| Pancreas | + | 1 |
| Salivary Glands | + | 1 |
| Stomach, Forestomach | + | 19 |
| Stomach, Glandular | + | 19 |

Cardiovascular System

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

Endocrine System

| | | | |
|-------------------|---|---|--|
| Adrenal Cortex | + | 1 | |
| Adrenal Medulla | + | 1 | |
| Parathyroid Gland | + | 1 | |
| Pituitary Gland | + | 1 | |

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 05182-05

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 1-YEAR

Route: DOSED FEED

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

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:20

First Dose M/F: NA / NA

Lab: ILS

* ..Total animals with tissue examined microscopically: Total animals with tumor

M ..Missing tissue

± ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X - Lesion present

BLANK - Not examined microscopically

| Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:21

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 |
|---|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 0 | 1 | 1 | 1 | 3 | 3 | 4 | 4 | 5 | 6 | 6 | 6 | 7 | 8 | 8 | 8 | 8 | 8 | 8 |
| | | 9 | 3 | 3 | 3 | 3 | 6 | 1 | 1 | 0 | 4 | 5 | 9 | 2 | 2 | 3 | 3 | 4 | 4 | 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 |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | 3 | 2 | 3 | 3 | 2 | 2 | 1 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 |
| | | 5 | 1 | 3 | 7 | 9 | 0 | 9 | 2 | 6 | 2 | 1 | 8 | 8 | 4 | 3 | 0 | 5 | 4 | 7 |

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 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 18 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |

Cardiovascular System

| | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

Endocrine System

| | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | 19 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | 19 |
| Parathyroid Gland | + | + | + | + | + | + | M | M | M | M | + | M | + | M | + | + | + | + | + | 14 |
| Pituitary Gland | + | M | I | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | 17 |

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:21

First Dose M/F: NA / NA

Lab: ILS

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

| ..Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:21

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

***TOTALS**

| | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Skeletal Muscle | + | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | 18 |
| Nervous System | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Respiratory System | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Special Senses System | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Urinary Bladder | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | M | + | 18 |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Lymphoma Malignant | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 17 |

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:21

First Dose M/F: NA / NA

Lab: ILS

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

TOTALS*Alimentary System**

| | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| 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 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |

Cardiovascular System

| | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

Endocrine System

| | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Parathyroid Gland | + | + | M | + | + | M | + | M | + | + | M | + | + | + | + | + | + | + | 16 |
| Pituitary Gland | + | + | + | + | M | + | + | M | + | + | + | M | + | + | + | + | + | + | 17 |

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:21

First Dose M/F: NA / NA

Lab: ILS

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

***TOTALS**

Thyroid Gland

+ 20

General Body System

NONE

Genital System

Clitoral Gland

M M M M I + I + M I M M M + M M + I + + 6

Ovary

+ 20

Uterus

+ 20

Hematopoietic System

Bone Marrow

+ + + + + + + + M + + + + + + + + + + + + + + 19

Lymph Node

+ 6

Lymph Node, Mandibular

+ + + + M + + M + + M + + + + + + + M M + + 15

Lymph Node, Mesenteric

+ + + + + + + + + + M + M M + + + + + + + + 17

Spleen

+ 20

Thymus

+ 20

Integumentary System

Mammary Gland

M M + + + + + + + + I + + + + + + + + + + + 16

Skin

+ 20

Musculoskeletal System

Bone

+ + + + + + + + M + + + + + + + + + + + + + + 19

Tibia, Osteosarcoma

X + 1

* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 05182-05

Test Type: 1-YEAR

Route: DOSED FEED

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Transgenic model evaluation (Phenolphthalein)

CAS Number: 77-09-8

Date Report Requested: 10/19/2014

Time Report Requested: 08:23:21

First Dose M/F: NA / NA

Lab: ILS

** END OF REPORT **

* ..Total animals with tissue examined microscopically: Total animals with tumor

M ..Missing tissue

± ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X - Lesion present

BLANK - Not examined microscopically

| Insufficient tissue