

















































































































































































































TDMS No. 88105 - 03  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)  
 ISOEUGENOL  
 CAS Number: 97-54-1  
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 09/28/2006  
 Time Report Reqsted: 17:46:24  
 First Dose M/F: 04/22/02 / 04/23/02  
 Lab: BNW

DAY ON TEST		0	0	0	3	4	4	5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7
		2	2	3	3	7	9	4	4	9	9	0	0	1	2	2	3	3	5	9	3	3	3	3	3
		3	4	8	6	9	6	1	7	0	7	2	6	9	3	7	0	2	1	5	0	0	0	0	1
<b>FISCHER 344 RATS FEMALE</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>300 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID		3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		5	5	8	8	0	6	9	7	8	8	7	5	7	6	7	8	9	6	5	5	6	6	8	9
		5	1	8	3	0	2	9	5	9	0	1	2	2	5	6	5	7	0	6	8	3	4	4	5

females  
(cont...)

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	A	+	A	A	+	+	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	A	+	+	A	+	+	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	A	+	+	A	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesentery																								
Schwannoma Malignant				+								+	+		+					+				
Oral Mucosa																								
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

TDMS No. 88105 - 03  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

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 Lab: BNW

DAY ON TEST		0	0	0	3	4	4	5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7
		2	2	3	3	7	9	4	4	9	9	0	0	1	2	2	3	3	5	9	3	3	3	3	3
		3	4	8	6	9	6	1	7	0	7	2	6	9	3	7	0	2	1	5	0	0	0	0	1
<b>FISCHER 344 RATS FEMALE</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>300 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID		3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		5	5	8	8	0	6	9	7	8	8	7	5	7	6	7	8	9	6	5	5	6	6	8	9
		5	1	8	3	0	2	9	5	9	0	1	2	2	5	6	5	7	0	6	8	3	4	4	5

females  
(cont...)

Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+

**CARDIOVASCULAR SYSTEM**

Blood Vessel	.....																							
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Schwannoma Malignant, Metastatic, Mesentery	.....																							
	X																							

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign	.....																							
	X																							
Islets, Pancreatic	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M
Pituitary Gland	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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 + .. Tissue examined microscopically  
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TDMS No. 88105 - 03  
 Test Type: CHRONIC  
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DAY ON TEST		0	0	0	3	4	4	5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7
		2	2	3	3	7	9	4	4	9	9	0	0	1	2	2	3	3	5	9	3	3	3	3	3
		3	4	8	6	9	6	1	7	0	7	2	6	9	3	7	0	2	1	5	0	0	0	0	1
<b>FISCHER 344 RATS FEMALE</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>300 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID		3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		5	5	8	8	0	6	9	7	8	8	7	5	7	6	7	8	9	6	5	5	6	6	8	9
		5	1	8	3	0	2	9	5	9	0	1	2	2	5	6	5	7	0	6	8	3	4	4	5

females  
(cont...)

Pars Distalis, Adenoma							X					X	X	X	X	X	X	X			X	X	X	X
Thyroid Gland	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+
Bilateral, C-cell, Adenoma																			X					
C-cell, Adenoma									X															X
C-cell, Carcinoma																								

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																						X		X
Carcinoma																								
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Granulosa-Theca Tumor Malignant									X															
Schwannoma Malignant, Metastatic, Mesentery													X											
Oviduct																								
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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TDMS No. 88105 - 03  
 Test Type: CHRONIC  
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 Species/Strain: RATS/F 344

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 Lab: BNW

DAY ON TEST		0	0	0	3	4	4	5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7
		2	2	3	3	7	9	4	4	9	9	0	0	1	2	2	3	3	5	9	3	3	3	3	3
		3	4	8	6	9	6	1	7	0	7	2	6	9	3	7	0	2	1	5	0	0	0	0	1
<b>FISCHER 344 RATS FEMALE</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>300 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID		3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		5	5	8	8	0	6	9	7	8	8	7	5	7	6	7	8	9	6	5	5	6	6	8	9
		5	1	8	3	0	2	9	5	9	0	1	2	2	5	6	5	7	0	6	8	3	4	4	5

females  
(cont...)

Polyp Stromal

X

X

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node										+														+
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Lymph Node, Mesenteric	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Schwannoma Malignant, Metastatic, Mesentery																								X
Spleen	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma																								X
Fibroadenoma																								X
Fibroadenoma, Multiple																								X

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DAY ON TEST		0	0	0	3	4	4	5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7
		2	2	3	3	7	9	4	4	9	9	0	0	1	2	2	3	3	5	9	3	3	3	3	3
		3	4	8	6	9	6	1	7	0	7	2	6	9	3	7	0	2	1	5	0	0	0	0	1
<b>FISCHER 344 RATS FEMALE</b> <b>300 MG/KG</b>	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	0	0	0	0	0	0	0
		3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		5	5	8	8	0	6	9	7	8	8	7	5	7	6	7	8	9	6	5	5	6	6	8	9
	5	1	8	3	0	2	9	5	9	0	1	2	2	5	6	5	7	0	6	8	3	4	4	5	

females  
(cont...)

Pleura	.....																								
	+ .....																								
Trachea	+ + A +																								

**SPECIAL SENSES SYSTEM**

Ear	.....																								
Eye	+ + A + + + + + + + + + + + + + + A + + + + + + + + + + +																								
Harderian Gland	+ + A + + + + + + + + + + + + + + A + + + + + + + + + + +																								
Zymbal's Gland	.....																								
Carcinoma	+ .....																								
	X .....																								

**URINARY SYSTEM**

Kidney	+ +																								
Urinary Bladder	+ + A +																								
Leiomyoma	.....																								

**SYSTEMIC LESIONS**

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DAY ON TEST		0	0	0	3	4	4	5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7
		2	2	3	3	7	9	4	4	9	9	0	0	1	2	2	3	3	5	9	3	3	3	3	3
		3	4	8	6	9	6	1	7	0	7	2	6	9	3	7	0	2	1	5	0	0	0	0	1
<b>FISCHER 344 RATS FEMALE</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>300 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID		3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		5	5	8	8	0	6	9	7	8	8	7	5	7	6	7	8	9	6	5	5	6	6	8	9
		5	1	8	3	0	2	9	5	9	0	1	2	2	5	6	5	7	0	6	8	3	4	4	5

females  
(cont...)

Multiple Organ

Histiocytic Sarcoma

Leukemia Mononuclear

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
							X																	
																	X							X

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DAY ON TEST		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>FISCHER 344 RATS FEMALE</b>	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	0	0	0	
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	<b>300 MG/KG</b>	6	7	7	7	8	9	9	9	9	5	5	5	6	6	6	6	7	7	7	8	8	8	
	1	3	8	9	1	1	2	3	6	3	7	9	6	7	8	9	0	4	7	2	6	7	0	
																						<b>* TOTALS</b>		

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Mesentery		+	+	+		+							+	+				+			+			14
Schwannoma Malignant																								1
Oral Mucosa																								1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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DAY ON TEST		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>FISCHER 344 RATS FEMALE</b>	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	0	0	0	
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	<b>300 MG/KG</b>	6	7	7	7	8	9	9	9	9	5	5	5	6	6	6	6	7	7	7	8	8	8	
	1	3	8	9	1	1	2	3	6	3	7	9	6	7	8	9	0	4	7	2	6	7	0	
																							<b>* TOTALS</b>	

Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

**CARDIOVASCULAR SYSTEM**

Blood Vessel																						+	1	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Schwannoma Malignant, Metastatic, Mesentery																							1	

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Pheochromocytoma Benign																							2	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Parathyroid Gland	+	+	M	+	+	+	+	+	M	+	+	M	M	+	+	+	+	+	+	+	+	+	+	44
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49

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TDMS No. 88105 - 03  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**  
 ISOEUGENOL  
 CAS Number: 97-54-1  
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Requested: 09/28/2006  
 Time Report Requested: 17:46:24  
 First Dose M/F: 04/22/02 / 04/23/02  
 Lab: BNW

DAY ON TEST		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
		1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
<b>FISCHER 344 RATS FEMALE</b> <b>300 MG/KG</b>	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	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
		6	7	7	7	8	9	9	9	9	5	5	5	6	6	6	6	7	7	7	8	8	8	9	9
	1	3	8	9	1	1	2	3	6	3	7	9	6	7	8	9	0	4	7	2	6	7	0	4	8
																									<b>* TOTALS</b>
Pars Distalis, Adenoma		X			X	X	X			X	X			X	X					X					<b>20</b>
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>48</b>
Bilateral, C-cell, Adenoma																									<b>1</b>
C-cell, Adenoma						X							X					X							<b>5</b>
C-cell, Carcinoma									X		X														<b>2</b>

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Clitoral Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>
Adenoma								X					X							X					<b>5</b>
Carcinoma						X																X			<b>2</b>
Ovary		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>
Granulosa-Theca Tumor Malignant																									<b>1</b>
Schwannoma Malignant, Metastatic, Mesentery																									<b>1</b>
Oviduct																									<b>1</b>
Uterus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>

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		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<b>FISCHER 344 RATS FEMALE</b>	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	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	<b>300 MG/KG</b>	6	7	7	7	8	9	9	9	9	5	5	5	6	6	6	6	7	7	7	8	8	8	9	
	1	3	8	9	1	1	2	3	6	3	7	9	6	7	8	9	0	4	7	2	6	7	0		
																								<b>* TOTALS</b>	

Pleura																							<b>1</b>
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																							<b>49</b>

**SPECIAL SENSES SYSTEM**

Ear																							<b>1</b>
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																							<b>48</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																							<b>48</b>
Zymbal's Gland																							<b>1</b>
Carcinoma																							<b>1</b>

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																							<b>50</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																							<b>49</b>
Leiomyoma																					X	<b>1</b>	

**SYSTEMIC LESIONS**

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		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
<b>FISCHER 344 RATS FEMALE</b> 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	0	0	0	0	0	
	<b>300 MG/KG</b>	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
		6	7	7	7	8	9	9	9	9	5	5	5	6	6	6	6	7	7	7	8	8	8	9	
	1	3	8	9	1	1	2	3	6	3	7	9	6	7	8	9	0	4	7	2	6	7	0		
																							<b>* TOTALS</b>		

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma																									1
Leukemia Mononuclear	X		X						X	X		X	X												8

\*\*\* END OF REPORT \*\*\*

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