

**Experiment Number:** 20203 - 03  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** RATS/Wistar Han

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
Green tea extract  
**CAS Number:** GREENTEAEXTR

**Date Report Requested:** 12/20/2013  
**Time Report Requested:** 09:47:59  
**First Dose M/F:** 07/18/07 / 07/19/07  
**Lab:** BAT

F2\_RE

<b>NTP Study Number:</b>	C20203		
<b>Lock Date:</b>	11/12/2010		
<b>Cage Range:</b>	ALL		
<b>Date Range:</b>	ALL		
<b>Reasons For Removal:</b>	25021 TSAC	25020 NATD	25019 MSAC
	25018 DACC		
<b>Removal Date Range:</b>	ALL		
<b>Treatment Groups:</b>	Include ALL		
<b>Study Gender:</b>	Both		
<b>TDMSE Version:</b>	3.0.2.0_001		
<b>PWG Approval Date:</b>	NONE		

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		DAY ON TEST																				males (cont...)			
<b>WISTAR HAN RATS MALE</b>	<b>0 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	
		5	7	7	7	7	7	5	7	7	7	7	7	7	7	7	7	7	7	5	7	7	7	5	
		3	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2		
		8	9	9	7	9	9	9	9	8	7	7	8	8	9	7	7	9	7	9	8	8	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	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	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	2	2	2	2	2		
		1	2	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	8		

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyosarcoma, Metastatic, Stomach, Forestomach																							
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mesentery																							
Schwannoma Malignant																							
Oral Mucosa																							
Gingival, Squamous Cell Carcinoma																							
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyosarcoma, Metastatic, Stomach, Forestomach																							
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
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Lab: BAT

WISTAR HAN RATS MALE 0 mg/kg	DAY ON TEST																								males (cont...)
	0538	0729	0729	0729	0729	0729	0579	0779	0779	0779	0779	0779	0779	0779	0779	0779	0779	0579	0779	0779	0779	0779	0579		
ANIMAL ID	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	1	2	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	4	5		

Pituitary Gland  
 Pars Distalis, Adenoma  
 Pars Distalis, Adenoma, Multiple  
 Pars Intermedia, Adenoma

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

Thyroid Gland  
 C-cell, Adenoma

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

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Epididymis  
 Mesothelioma Malignant

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

Preputial Gland  
 Carcinoma

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

Prostate

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Seminal Vesicle

+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Testes  
 Mesothelioma Malignant  
 Interstitial Cell, Adenoma

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

**HEMATOPOIETIC SYSTEM**

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Lab: BAT

WISTAR HAN RATS MALE	DAY ON TEST																								males (cont...)		
	0538	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729	0729			
0 mg/kg	ANIMAL ID																										
	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	1	2	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	2	2	2	2		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Lymph Node																									+		
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Thymoma Benign																									X		
<b>INTEGUMENTARY SYSTEM</b>																											
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Basal Cell Adenoma												X													X		
Hamartoma																											
Keratoacanthoma							X								X												
Squamous Cell Carcinoma																									X		
Squamous Cell Papilloma																									X		
Sebaceous Gland, Adenoma																											
Subcutaneous Tissue, Fibroma																											
Subcutaneous Tissue, Lipoma																											
Subcutaneous Tissue, Sarcoma, Metastatic, Bone																									X		
Subcutaneous Tissue, Schwannoma Malignant																									X		

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
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Lab: BAT

		DAY ON TEST																														
		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>WISTAR HAN RATS MALE</b>		5	7	7	7	7	7	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	5	7	7	7	7	5		
	<b>0 mg/kg</b>	3	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	0	
		8	9	9	7	9	9	9	9	8	7	7	8	8	9	7	7	9	7	9	7	9	7	9	9	8	8	8	9	7	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	2	2	2	2	2	2	2	2	
		1	2	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	2	2	2	4	5	7	8	8	<b>males (cont...)</b>	

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Osteoma					X																									
Osteosarcoma																														
Joint, Sarcoma	X																													

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Glioma Malignant																															
Granular Cell Tumor Benign													X																		
Squamous Cell Carcinoma, Metastatic, Oral Mucosa																															

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leiomyosarcoma, Metastatic, Stomach, Forestomach																															
Osteosarcoma, Metastatic, Bone																															
Schwannoma Malignant, Metastatic, Skin	X																														
Squamous Cell Carcinoma, Metastatic, Skin																										X					
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Squamous Cell Carcinoma, Metastatic, Oral Mucosa																															
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

**SPECIAL SENSES SYSTEM**

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Lab: BAT

Wistar Han Rats Male 0 mg/kg	DAY ON TEST	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	males (cont...)
	5	7	7	7	7	7	5	7	7	7	7	7	7	7	7	7	7	7	5	7	7	7	7	7	5		
	3	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	0	0	
	8	9	9	7	9	9	9	9	8	7	7	8	8	9	7	7	9	7	9	8	8	8	9	7	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	0	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	2	2	2	2	2	2	2	0	males (cont...)
	1	2	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	2	4	5	7	8	

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland Squamous Cell Carcinoma, Metastatic, Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland Carcinoma																									

**URINARY SYSTEM**

Kidney Liposarcoma Osteosarcoma, Metastatic, Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ureter Liposarcoma, Metastatic, Kidney																									
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**SYSTEMIC LESIONS**

Multiple Organ Mesothelioma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
	X			X																					

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Lab: BAT

WISTAR HAN RATS MALE	DAY ON TEST																							* TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
0 mg/kg	7	7	7	7	7	6	7	7	5	6	6	6	7	7	5	7	6	7	6	7	7	6	7	5	
	2	2	2	2	2	0	2	2	1	7	2	6	2	2	3	2	4	2	7	0	3	2	2	2	
	7	7	8	7	9	4	7	7	9	4	9	8	8	7	9	8	5	7	1	9	9	1	8	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	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	
	9	2	3	5	6	7	9	0	1	2	3	4	6	7	9	0	1	2	3	4	5	6	7	8	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Leiomyosarcoma, Metastatic, Stomach, Forestomach																		X						1
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	49
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Mesentery																								3
Schwannoma Malignant																								1
Oral Mucosa																								1
Gingival, Squamous Cell Carcinoma																								1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Leiomyosarcoma, Metastatic, Stomach, Forestomach																								1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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WISTAR HAN RATS MALE 0 mg/kg	DAY ON TEST																								* TOTALS
	0727	0727	0728	0727	0727	0726	0727	0727	0725	0726	0726	0727	0727	0725	0727	0726	0727	0726	0727	0726	0727	0726	0727	0725	
ANIMAL ID	00029	00032	00033	00035	00036	00037	00039	00040	00041	00042	00043	00044	00044	00044	00044	00044	00045	00045	00045	00045	00045	00045	00045	00045	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leiomyosarcoma																			X						
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	
Tooth																									
<b>CARDIOVASCULAR SYSTEM</b>																									
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adventitia, Aorta, Leiomyosarcoma, Metastatic, Stomach, Forestomach																			X						
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leiomyosarcoma, Metastatic, Stomach, Forestomach																			X						
<b>ENDOCRINE SYSTEM</b>																									
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma																			X						
Osteosarcoma, Metastatic, Bone											X														
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Osteosarcoma, Metastatic, Bone											X														
Pheochromocytoma Benign																					X				
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

\* .. 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

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

WISTAR HAN RATS MALE 0 mg/kg	DAY ON TEST																								* TOTALS		
	0727	0727	0728	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727	0727			
ANIMAL ID	00029	00032	00033	00035	00036	00037	00039	00040	00041	00042	00043	00044	00044	00044	00044	00044	00044	00045	00045	00045	00045	00045	00045	00045	00045		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Pars Distalis, Adenoma		X	X	X						X							X	X	X			X			16		
Pars Distalis, Adenoma, Multiple												X													1		
Pars Intermedia, Adenoma																									1		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
C-cell, Adenoma		X		X																					4		
<b>GENERAL BODY SYSTEM</b>																											
NONE																											
<b>GENITAL SYSTEM</b>																											
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Mesothelioma Malignant																									2		
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Carcinoma																									1		
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Mesothelioma Malignant																									2		
Interstitial Cell, Adenoma																									2		
<b>HEMATOPOIETIC SYSTEM</b>																											

\* .. 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

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

WISTAR HAN RATS MALE	DAY ON TEST																								* TOTALS
	0727	0727	0728	0727	0727	0727	0726	0727	0727	0725	0726	0726	0726	0727	0727	0725	0727	0726	0726	0727	0726	0727	0727	0725	
0 mg/kg	ANIMAL ID																								* TOTALS
	0002	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	0003	
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymph Node																								4	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Thymus	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Thymoma Benign																								2	
<b>INTEGUMENTARY SYSTEM</b>																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Basal Cell Adenoma																								2	
Hamartoma		X																						1	
Keratoacanthoma																								2	
Squamous Cell Carcinoma																								1	
Squamous Cell Papilloma																								1	
Sebaceous Gland, Adenoma																					X			1	
Subcutaneous Tissue, Fibroma												X												1	
Subcutaneous Tissue, Lipoma																								1	
Subcutaneous Tissue, Sarcoma, Metastatic, Bone																								1	
Subcutaneous Tissue, Schwannoma Malignant																	X							2	

\* .. 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



Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

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First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

WISTAR HAN RATS MALE 0 mg/kg	DAY ON TEST																									* TOTALS	
	07	07	07	07	07	06	07	07	05	06	06	06	07	07	05	07	06	07	06	07	02	06	07	07	05		
ANIMAL ID	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00		
	27	27	28	27	29	4	7	7	9	4	9	8	8	7	9	8	5	7	1	9	9	3	1	8	5		
	92	93	95	96	97	99	90	91	92	93	94	94	94	94	94	95	95	95	95	95	95	95	95	95	99		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Harderian Gland	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Squamous Cell Carcinoma, Metastatic, Oral Mucosa						X																			1		
Zymbal's Gland Carcinoma																								+	1		
																							X		1		
<b>URINARY SYSTEM</b>																											
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Liposarcoma																							X		1		
Osteosarcoma, Metastatic, Bone										X															1		
Ureter																							+		1		
Liposarcoma, Metastatic, Kidney																							X		1		
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
<b>SYSTEMIC LESIONS</b>																											
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Mesothelioma Malignant																									2		

\* .. 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









Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

WISTAR HAN RATS MALE	DAY ON TEST																								ANIMAL ID											
	0 7 2 8	0 7 2 9	0 7 2 8	0 7 2 8	0 7 2 7	0 7 2 7	0 7 2 2	0 7 2 2	0 7 2 8	0 7 2 8	0 7 2 8	0 7 2 8	0 7 2 7	0 6 2 2	0 7 2 2	0 7 2 2	0 7 2 2	0 7 2 2	0 6 2 6	0 7 2 2	0 6 2 2	0 7 2 4	0 7 2 5	0 6 2 2			0 7 2 4	0 5 2 4								
100 mg/kg	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	0 0 0 6 6	0 0 0 6 7	0 0 0 6 8	0 0 0 6 9	0 0 0 6 0	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	0 0 0 6 6	0 0 0 6 7	0 0 0 6 8	0 0 0 6 9	0 0 0 6 0	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	0 0 0 6 6	0 0 0 6 7	0 0 0 6 8	0 0 0 6 9	0 0 0 6 0	0 0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	males (cont...)

Hemangiosarcoma, Metastatic, Lymph Node, Mesenteric

X

Thymus  
Thymoma Benign

M +  
X

**INTEGUMENTARY SYSTEM**

Mammary Gland  
Fibroadenoma

+  
X

Skin  
Basal Cell Adenoma  
Basosquamous Tumor Malignant  
Trichoepithelioma  
Subcutaneous Tissue, Fibroma

+  
X  
X  
X  
X

**MUSCULOSKELETAL SYSTEM**

Bone

+ +

**NERVOUS SYSTEM**

Brain  
Granular Cell Tumor Benign

+  
X

Peripheral Nerve

Spinal Cord

**RESPIRATORY SYSTEM**

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- + .. Tissue examined microscopically
- X .. Lesion present
- I .. Insufficient tissue

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



Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

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Date Report Requested: 12/20/2013

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First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

|                             |                  | DAY ON TEST |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                 |  |  |
|-----------------------------|------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------------|--|--|
|                             |                  | 07          | 06 | 05 | 07 | 06 | 03 | 07 | 07 | 05 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 06 | 06 | 07 | 07 | 07              |  |  |
| <b>WISTAR HAN RATS MALE</b> |                  | 28          | 68 | 13 | 28 | 36 | 44 | 29 | 28 | 84 | 06 | 27 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28              |  |  |
|                             | <b>100 mg/kg</b> | 00          | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00              |  |  |
|                             | ANIMAL ID        | 00          | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |                 |  |  |
|                             |                  | 88          | 88 | 88 | 88 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |                 |  |  |
|                             |                  | 67          | 78 |    |    | 01 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | <b>* TOTALS</b> |  |  |

**ALIMENTARY SYSTEM**

|                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |           |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Esophagus                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |
| Intestine Large, Cecum          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |
| Intestine Large, Colon          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |
| Intestine Large, Rectum         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |
| Intestine Small, Duodenum       | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>47</b> |
| Intestine Small, Ileum          | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>48</b> |
| Intestine Small, Jejunum        | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>47</b> |
| Liver                           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |
| Mesentery                       |   | + |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>2</b>  |
| Pancreas                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |
| Carcinoma, Metastatic, Prostate |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Salivary Glands                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |
| Stomach, Forestomach            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |
| Stomach, Glandular              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | <b>50</b> |
| Tooth                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |
| Odontoma                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | <b>1</b>  |

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

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Experiment Number: 20203 - 03  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Green tea extract  
 CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013  
 Time Report Requested: 09:47:59  
 First Dose M/F: 07/18/07 / 07/19/07  
 Lab: BAT

| WISTAR HAN RATS MALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |
|----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
|                      | 07          | 06   | 05   | 07   | 06   | 03   | 07   | 07   | 05   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 06   | 06   | 06   | 07   | 07   | 07   |          |
| 100 mg/kg            | 28          | 68   | 61   | 28   | 36   | 44   | 22   | 28   | 84   | 06   | 27   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 20   | 50   | 08   | 28   | 22   | 27   |          |
| ANIMAL ID            | 0086        | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 |          |

**CARDIOVASCULAR SYSTEM**

|                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Heart                | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Schwannoma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

**ENDOCRINE SYSTEM**

|                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adrenal Medulla                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pheochromocytoma Benign          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X | 1  |
| Pheochromocytoma Complex         |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Islets, Pancreatic               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma                          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Parathyroid Gland                | + | M | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | M | M | 44 |
| Pituitary Gland                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pars Distalis, Adenoma           |   |   |   | X |   | X |   | X |   |   |   |   |   | X | X | X |   |   | X | X |   |   |   |   | 15 |
| Pars Distalis, Adenoma, Multiple |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   | 2  |
| Pars Intermedia, Adenoma         |   |   |   | X |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Thyroid Gland                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Bilateral, C-cell, Adenoma       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| C-cell, Adenoma                  |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3  |
| Follicular Cell, Adenoma         |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   | 3  |

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 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
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 Green tea extract  
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 Lab: BAT

|                             |                  | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                 |
|-----------------------------|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| <b>WISTAR HAN RATS MALE</b> |                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |                 |
|                             |                  | 7           | 6 | 5 | 7 | 6 | 3 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 7 | 7 | 7 |                 |
|                             | <b>100 mg/kg</b> | 2           | 6 | 1 | 2 | 3 | 4 | 2 | 2 | 8 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 5 | 0 | 2 | 2 | 2 |                 |
|                             | 8                | 8           | 3 | 8 | 6 | 4 | 9 | 8 | 4 | 6 | 7 | 8 | 8 | 7 | 9 | 9 | 8 | 9 | 4 | 0 | 8 | 8 | 7 | 7 | 7 |                 |
|                             |                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |
|                             |                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 |                 |
|                             |                  | 8           | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |                 |
|                             |                  | 6           | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | <b>* TOTALS</b> |

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

|                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Epididymis                           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Preputial Gland                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Prostate                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Carcinoma                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Seminal Vesicle                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Carcinoma, Metastatic, Prostate      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Testes                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Interstitial Cell, Adenoma           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Interstitial Cell, Adenoma, Multiple |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

**HEMATOPOIETIC SYSTEM**

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangiosarcoma        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Spleen                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

\* .. 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

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS MALE | DAY ON TEST |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | * TOTALS |
|----------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
|                      | 07          | 06 | 05 | 07 | 06 | 03 | 07 | 07 | 05 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 06 | 06 | 07 | 07 | 07 |          |
| 100 mg/kg            | 28          | 68 | 13 | 28 | 36 | 44 | 29 | 28 | 44 | 06 | 27 | 28 | 28 | 28 | 29 | 29 | 28 | 29 | 44 | 00 | 58 | 08 | 27 | 27 |          |
|                      | 00          | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |          |
|                      | 00          | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |          |
|                      | 88          | 88 | 88 | 88 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |          |
|                      | 67          | 78 |    | 90 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 |          |

Hemangiosarcoma, Metastatic, Lymph Node, Mesenteric

1

Thymus  
Thymoma Benign

+ +

49  
1

**INTEGUMENTARY SYSTEM**

Mammary Gland  
Fibroadenoma

+ +

50  
1

Skin  
Basal Cell Adenoma  
Basosquamous Tumor Malignant  
Trichoepithelioma  
Subcutaneous Tissue, Fibroma

+  
X X  
X  
X

50  
3  
1  
1  
2

**MUSCULOSKELETAL SYSTEM**

Bone

+ +

50

**NERVOUS SYSTEM**

Brain  
Granular Cell Tumor Benign

+  
X

50  
2

Peripheral Nerve

+ +

1

Spinal Cord

+ +

1

**RESPIRATORY SYSTEM**

\* .. 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

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS MALE<br>100 mg/kg       | DAY ON TEST    |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                | * TOTALS       |  |  |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
|   | 07<br>28       | 06<br>68       | 05<br>13       | 07<br>28       | 06<br>36       | 03<br>44       | 07<br>29       | 07<br>88       | 05<br>44       | 07<br>76       | 07<br>77       | 07<br>22       | 07<br>22       | 07<br>22       | 07<br>22       | 07<br>22       | 07<br>22       | 07<br>22       | 06<br>49       | 06<br>60       | 06<br>50       | 07<br>28       | 07<br>27       | 07<br>27       |                |  |  |
| ANIMAL ID                               | 00<br>08<br>86 | 00<br>08<br>87 | 00<br>08<br>88 | 00<br>08<br>89 | 00<br>09<br>90 | 00<br>09<br>91 | 00<br>09<br>92 | 00<br>09<br>93 | 00<br>09<br>94 | 00<br>09<br>95 | 00<br>09<br>96 | 00<br>09<br>97 | 00<br>09<br>98 | 00<br>09<br>99 | 00<br>09<br>00 | 00<br>09<br>01 | 00<br>09<br>02 | 00<br>09<br>03 | 00<br>09<br>04 | 00<br>09<br>05 | 00<br>09<br>06 | 00<br>09<br>07 | 00<br>09<br>08 | 00<br>09<br>09 | 00<br>09<br>10 |  |  |
| Lung<br>Carcinoma, Metastatic, Prostate | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | 50<br>1        |  |  |
| Nose                                    | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | 50             |  |  |
| Trachea                                 | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | 50             |  |  |
| <b>SPECIAL SENSES SYSTEM</b>            |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |
| Eye                                     | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | 50             |  |  |
| Harderian Gland                         | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | 50             |  |  |
| <b>URINARY SYSTEM</b>                   |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |
| Kidney<br>Renal Tubule, Carcinoma       | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | 50<br>1        |  |  |
| Urinary Bladder                         | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | 50             |  |  |
| <b>SYSTEMIC LESIONS</b>                 |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |  |  |
| Multiple Organ                          | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | +              | 50             |  |  |

\* .. 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

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

|                             |                  | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | males<br>(cont...) |   |
|-----------------------------|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|
| <b>WISTAR HAN RATS MALE</b> |                  | 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> | 7           | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 |                    | 7 |
|                             |                  | 2           | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 8 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 2                  |   |
|                             |                  | 7           | 8 | 6 | 9 | 8 | 7 | 7 | 8 | 5 | 8 | 9 | 9 | 8 | 9 | 8 | 7 | 3 | 9 | 7 | 7 | 7                  |   |
|                             |                  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0                  |   |
|                             |                  | 0           | 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 | 1                  |   |
|                             |                  | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3                  |   |
|                             |                  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1                  |   |

**ALIMENTARY SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | A | + | + | + | + |
| Liver                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mesentery                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Schwannoma Malignant      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**CARDIOVASCULAR SYSTEM**

\* .. 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



Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS MALE<br>300 mg/kg | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |   | ANIMAL ID                  | males<br>(cont...) |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|----------------------------|--------------------|
|                                   | 0<br>7<br>2<br>7 | 0<br>7<br>2<br>8 | 0<br>6<br>4<br>6 | 0<br>7<br>2<br>9 | 0<br>7<br>2<br>8 | 0<br>7<br>2<br>7 | 0<br>7<br>2<br>8 | 0<br>7<br>2<br>7 | 0<br>7<br>2<br>8 | 0<br>7<br>2<br>7 | 0<br>5<br>2<br>5 | 0<br>7<br>2<br>8 | 0<br>7<br>2<br>9 | 0<br>7<br>2<br>8 | 0<br>7<br>2<br>9 | 0<br>7<br>2<br>8 | 0<br>7<br>2<br>7 | 0<br>6<br>4<br>3 | 0<br>7<br>2<br>9 | 0<br>7<br>2<br>7 | 0<br>7<br>2<br>7 | 0<br>7<br>2<br>2 | 0<br>7<br>2<br>2 | 0<br>7<br>2<br>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<br>0<br>1<br>1<br>1<br>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<br>0<br>1<br>1<br>1<br>1 |                    |
|                                   | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1                | 1 | 1<br>1<br>1<br>1           |                    |
|                                   | 1                | 2                | 3                | 4                | 5                | 6                | 7                | 8                | 9                | 0                | 1                | 2                | 3                | 4                | 5                | 6                | 7                | 8                | 9                | 0                | 1                | 2                | 3                | 4                | 5 | 1<br>2<br>3<br>4<br>5      |                    |

|                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Blood Vessel                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Heart<br>Schwannoma Malignant | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |

ENDOCRINE SYSTEM

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                       |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------------|
| Adrenal Cortex  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |                       |
| Adrenal Medulla<br>Pheochromocytoma Benign  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + |                       |
| Islets, Pancreatic  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |                       |
| Parathyroid Gland   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |                       |
| Pituitary Gland<br>Pars Distalis, Adenoma<br>Pars Distalis, Adenoma, Multiple<br>Pars Distalis, Carcinoma<br>Pars Nervosa, Adenoma                    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X<br>X<br>X<br>X<br>X |
| Thyroid Gland<br>Bilateral, C-cell, Adenoma<br>C-cell, Adenoma<br>C-cell, Carcinoma<br>Follicular Cell, Adenoma<br>Follicular Cell, Adenoma, Multiple | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X<br>X<br>X<br>X<br>X |

GENERAL BODY SYSTEM

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

M .. Missing tissue  
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Green tea extract

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Lab: BAT

|                                      |  | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | males<br>(cont...) |   |
|--------------------------------------|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|
| WISTAR HAN RATS MALE                 |  | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                    | 0 |
| 300 mg/kg                            |  | 7           | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 |                    | 7 |
| ANIMAL ID                            |  | 0           | 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 | 1                  |   |
|                                      |  | 1           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1                  |   |
| Thymus                               |  | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  |   |
| Thymoma Benign                       |  |             |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |
| <b>INTEGUMENTARY SYSTEM</b>          |  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |
| Mammary Gland                        |  | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  |   |
| Skin                                 |  | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  |   |
| Keratoacanthoma                      |  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |                    |   |
| Squamous Cell Papilloma              |  |             |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   | X | X |   |   |                    |   |
| Trichoepithelioma                    |  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |
| Subcutaneous Tissue, Lipoma          |  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |
| <b>MUSCULOSKELETAL SYSTEM</b>        |  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |
| Bone                                 |  | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  |   |
| <b>NERVOUS SYSTEM</b>                |  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |
| Brain                                |  | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  |   |
| Glioma Malignant                     |  |             |   |   |   |   |   |   | X | X |   |   |   |   |   |   |   |   |   |   |   |                    |   |
| Granular Cell Tumor Benign           |  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |
| Meningioma Benign                    |  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |
| <b>RESPIRATORY SYSTEM</b>            |  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |
| Lung                                 |  | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  |   |
| Alveolar/Bronchiolar Adenoma         |  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X                  |   |
| Carcinoma, Metastatic, Thyroid Gland |  |             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |   |
| Nose                                 |  | +           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +                  |   |

\* .. 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





Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS MALE<br>300 mg/kg  | DAY ON TEST |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | * TOTALS |    |
|------------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|----|
|                                    | 07          | 07 | 06 | 07 | 05 | 07 | 07 | 07 | 07 | 07 | 07 | 02 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 |          | 07 |
| ANIMAL ID                          | 00          | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00       | 00 |
|                                    | 1           | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1        | 1  |
|                                    | 3           | 3  | 3  | 3  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 5  | 5  | 5  | 5  | 5  | 5        | 5  |
|                                    | 6           | 7  | 8  | 9  | 0  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 0  | 1  | 2  | 3  | 4  | 5  | 6        | 7  |
| Blood Vessel                       | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +        | +  |
| Heart                              | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +        | +  |
| Schwannoma Malignant               |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          | 1  |
| <b>ENDOCRINE SYSTEM</b>            |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |    |
| Adrenal Cortex                     | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +        | +  |
| Adrenal Medulla                    | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +        | +  |
| Pheochromocytoma Benign            |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          | 1  |
| Islets, Pancreatic                 | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +        | +  |
| Parathyroid Gland                  | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +        | +  |
| Pituitary Gland                    | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +        | +  |
| Pars Distalis, Adenoma             |             |    | X  |    |    |    | X  |    |    |    | X  | X  |    |    |    |    |    |    |    |    | X        | X  |
| Pars Distalis, Adenoma, Multiple   |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |    | X        |    |
| Pars Distalis, Carcinoma           |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |    |          |    |
| Pars Nervosa, Adenoma              |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          | 1  |
| Thyroid Gland                      | +           | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +  | +        | +  |
| Bilateral, C-cell, Adenoma         |             |    |    | X  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          | 1  |
| C-cell, Adenoma                    |             |    |    |    |    |    |    |    | X  |    |    |    |    |    |    |    |    |    |    |    |          | 5  |
| C-cell, Carcinoma                  |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |    |          | 1  |
| Follicular Cell, Adenoma           |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |          | 1  |
| Follicular Cell, Adenoma, Multiple |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |    |          | 1  |

**GENERAL BODY SYSTEM**

\* .. 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

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Green tea extract

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|-----------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
|                                   | 07          | 07 | 06 | 07 | 05 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 |          |
| ANIMAL ID                         | 00          | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |          |
|                                   | 11          | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |          |
|                                   | 33          | 33 | 33 | 33 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |          |
|                                   | 67          | 67 | 68 | 69 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 |          |

NONE

**GENITAL SYSTEM**

|                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Epididymis                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Preputial Gland            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Prostate                   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Seminal Vesicle            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Testes                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Interstitial Cell, Adenoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   | 1  |

**HEMATOPOIETIC SYSTEM**

|                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangioma             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X | 1  |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Spleen                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymphoma Malignant     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

\* .. 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

Experiment Number: 20203 - 03

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

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Date Report Requested: 12/20/2013

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First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS MALE | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  | * TOTALS |
|----------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----------|
|                      | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |          |
| 300 mg/kg            | 7           | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |  |          |
| ANIMAL ID            | 2           | 2 | 0 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |          |
|                      | 7           | 9 | 8 | 8 | 6 | 8 | 9 | 9 | 9 | 7 | 4 | 9 | 7 | 7 | 8 | 8 | 9 | 7 | 7 | 1 | 9 | 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 | 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 | 1 | 1 | 1 |  |          |
|                      | 3           | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |  |          |
|                      | 6           | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 |  |          |

|                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Thymus         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Thymoma Benign |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 3  |

INTEGUMENTARY SYSTEM

|                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skin                        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Keratoacanthoma             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 2  |
| Squamous Cell Papilloma     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3  |
| Trichoepithelioma           |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   | 1  |
| Subcutaneous Tissue, Lipoma |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

MUSCULOSKELETAL SYSTEM

|      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

NERVOUS SYSTEM

|                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Glioma Malignant           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Granular Cell Tumor Benign |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   | 1  |
| Meningioma Benign          |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   | 1  |

RESPIRATORY SYSTEM

|                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lung                                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Alveolar/Bronchiolar Adenoma         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Carcinoma, Metastatic, Thyroid Gland |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1  |
| Nose                                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

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

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|------------------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|--------------------|--|
|                                    | 068         | 069 | 079 | 079 | 065 | 077 | 077 | 077 | 057 | 077 | 077 | 077 | 033 | 077 | 017 | 077 | 066 | 037 | 075 | 077 | 044 | 066 | 063 | 063 |           |                    |  |
|                                    | 0           | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0001      |                    |  |
|                                    | 0           | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0001      |                    |  |
|                                    | 1           | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 0001      |                    |  |
|                                    | 6           | 6   | 6   | 6   | 6   | 6   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 8   | 0001      |                    |  |
|                                    | 2           | 3   | 5   | 6   | 8   | 9   | 0   | 1   | 2   | 3   | 4   | 6   | 7   | 8   | 9   | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9         | 0001               |  |

Blood Vessel

Heart

**ENDOCRINE SYSTEM**

Adrenal Cortex  
Adenoma

Adrenal Medulla

Islets, Pancreatic  
Adenoma

Parathyroid Gland  
Adenoma

Pituitary Gland  
Pars Distalis, Adenoma  
Pars Intermedia, Adenoma

Thyroid Gland  
C-cell, Adenoma  
Follicular Cell, Adenoma

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

\* .. 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



Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

|                             |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                            |
|-----------------------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|
| <b>WISTAR HAN RATS MALE</b> | DAY ON TEST       | 0668 | 0199 | 0729 | 0729 | 0615 | 0778 | 0778 | 0778 | 0524 | 0778 | 0778 | 0778 | 0336 | 0779 | 0179 | 0779 | 0632 | 0378 | 0588 | 0728 | 0462 | 0611 | 0634 | 0360 | <b>males<br/>(cont...)</b> |
|                             | <b>1000 mg/kg</b> | 0016 | 0016 | 0016 | 0016 | 0016 | 0017 | 0017 | 0017 | 0012 | 0013 | 0014 | 0016 | 0018 | 0019 | 0019 | 0020 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 |                            |
|                             | ANIMAL ID         | 0166 | 0016 | 0016 | 0016 | 0016 | 0017 | 0017 | 0017 | 0012 | 0013 | 0014 | 0016 | 0018 | 0019 | 0019 | 0020 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 |                            |

Subcutaneous Tissue, Schwannoma Malignant

X

**MUSCULOSKELETAL SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Bone            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Skeletal Muscle |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

**NERVOUS SYSTEM**

|                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain            | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Glioma Malignant |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Peripheral Nerve |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Spinal Cord      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

**RESPIRATORY SYSTEM**

|         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Nose    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SPECIAL SENSES SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

\* .. 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

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

|                             |                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                            |
|-----------------------------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------------|
| <b>WISTAR HAN RATS MALE</b> | DAY ON TEST       | 068 | 019 | 079 | 079 | 065 | 077 | 077 | 075 | 077 | 077 | 077 | 077 | 033 | 077 | 017 | 077 | 066 | 037 | 057 | 074 | 066 | 063 | 060 | <b>males<br/>(cont...)</b> |
|                             | <b>1000 mg/kg</b> | 068 | 019 | 079 | 079 | 065 | 077 | 077 | 075 | 077 | 077 | 077 | 077 | 033 | 077 | 017 | 077 | 066 | 037 | 057 | 074 | 066 | 063 | 060 |                            |
|                             | ANIMAL ID         | 016 | 011 | 006 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 |                            |

**URINARY SYSTEM**

|                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SYSTEMIC LESIONS**

|                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

\* .. 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

Experiment Number: 20203 - 03

Test Type: CHRONIC

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

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Lab: BAT

|                             |                   | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |      |      |      |
|-----------------------------|-------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|
|                             |                   | 0053        | 0067 | 0073 | 0055 | 0077 | 0077 | 0077 | 0022 | 0055 | 0077 | 0066 | 0077 | 0055 | 0077 | 0044 | 0077 | 0066 | 0055 | 0055 | 0077 |          | 0055 | 0077 | 0011 |
| <b>WISTAR HAN RATS MALE</b> | <b>1000 mg/kg</b> | 0053        | 0067 | 0073 | 0055 | 0077 | 0077 | 0077 | 0022 | 0055 | 0077 | 0066 | 0077 | 0055 | 0077 | 0044 | 0077 | 0066 | 0055 | 0055 | 0077 | 0055     | 0077 | 0011 | 0077 |
|                             |                   | 0053        | 0067 | 0073 | 0055 | 0077 | 0077 | 0077 | 0022 | 0055 | 0077 | 0066 | 0077 | 0055 | 0077 | 0044 | 0077 | 0066 | 0055 | 0055 | 0077 | 0055     | 0077 | 0011 | 0077 |
|                             |                   | 0011        | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000     | 0000 | 0000 | 0000 |
|                             |                   | 0099        | 0099 | 0099 | 0099 | 0099 | 0099 | 0099 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000     | 0000 | 0000 | 0000 |
|                             |                   | 0001        | 0003 | 0004 | 0005 | 0006 | 0008 | 0009 | 0000 | 0002 | 0005 | 0006 | 0008 | 0009 | 0000 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001 | 0001     | 0001 | 0001 | 0000 |

**ALIMENTARY SYSTEM**

|                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 48 |
| Intestine Small, Ileum    | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 45 |
| Intestine Small, Jejunum  | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Liver                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hepatocellular Adenoma    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Mesentery                 |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Pancreas                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Salivary Glands           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

**CARDIOVASCULAR SYSTEM**

\* .. 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

Experiment Number: 20203 - 03  
 Test Type: CHRONIC  
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P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Green tea extract  
 CAS Number: GREENTEAEXTR

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 Time Report Requested: 09:47:59  
 First Dose M/F: 07/18/07 / 07/19/07  
 Lab: BAT

| WISTAR HAN RATS MALE<br>1000 mg/kg | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |
|------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
|                                    | 0053        | 0067 | 0072 | 0073 | 0075 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 | 0077 |          |
| ANIMAL ID                          | 0011        | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 |          |
| Blood Vessel                       | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | 50       |
| Heart                              | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | 50       |

**ENDOCRINE SYSTEM**

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |          |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| Adrenal Cortex<br>Adenoma                 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50<br>2  |
| Adrenal Medulla                           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50       |
| Islets, Pancreatic<br>Adenoma             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50<br>1  |
| Parathyroid Gland<br>Adenoma              | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45<br>1  |
| Pituitary Gland<br>Pars Distalis, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50<br>10 |
| Pars Intermedia, Adenoma                  |   |   |   |   | X |   |   | X |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   | 1        |
| Thyroid Gland<br>C-cell, Adenoma          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49<br>5  |
| Follicular Cell, Adenoma                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   | 2        |

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

\* .. 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  
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Experiment Number: 20203 - 03

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS MALE<br>1000 mg/kg | DAY ON TEST |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | * TOTALS |  |  |
|------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--|--|
|                                    | 0053        | 0067  | 0072  | 0073  | 0075  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  | 0077  |          |  |  |
| ANIMAL ID                          | 00190       | 00111 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 | 00099 |          |  |  |
| Epididymis                         | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 50       |  |  |
| Mesothelioma Malignant             |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1        |  |  |
| Preputial Gland                    | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 50       |  |  |
| Prostate                           | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 50       |  |  |
| Seminal Vesicle                    | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 50       |  |  |
| Testes                             | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 50       |  |  |
| Mesothelioma Malignant             |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1        |  |  |
| <b>HEMATOPOIETIC SYSTEM</b>        |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |  |  |
| Bone Marrow                        | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 50       |  |  |
| Lymph Node                         |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 1        |  |  |
| Lymph Node, Mandibular             | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 48       |  |  |
| Lymph Node, Mesenteric             | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 50       |  |  |
| Spleen                             | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 50       |  |  |
| Thymus                             | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 50       |  |  |
| <b>INTEGUMENTARY SYSTEM</b>        |             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |          |  |  |
| Mammary Gland                      | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 50       |  |  |
| Skin                               | +           | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | +     | 50       |  |  |

\* .. 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













Experiment Number: 20203 - 03

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Green tea extract

CAS Number: GREENTEAEXTR

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First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS FEMALE<br>0 mg/kg         | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | females<br>(cont...) |      |      |      |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|------|------|------|
|   | 0730        | 0731 | 0734 | 0735 | 0736 | 0737 | 0738 | 0739 | 0740 | 0741 | 0742 | 0743 | 0744 | 0745 | 0746 | 0747 | 0748 | 0749 | 0750 | 0751 | 0752 | 0753 | 0754 | 0755 |                      | 0756 | 0757 | 0758 |
| ANIMAL ID                                 | 0022        | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023                 | 0023 | 0023 | 0023 |
| Mammary Gland                             | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +                    | +    | +    |      |
| Adenoma                                   |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |
| Carcinoma                                 |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |
| Carcinoma, Multiple                       |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |
| Fibroadenoma                              | X           |      |      |      |      | X    |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |                      |      |      |      |
| Fibroadenoma, Multiple                    |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |
| Skin                                      | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +                    | +    | +    | +    |
| Subcutaneous Tissue, Schwannoma Malignant |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |
| <b>MUSCULOSKELETAL SYSTEM</b>             |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |
| Bone                                      | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +                    | +    | +    | +    |
| <b>NERVOUS SYSTEM</b>                     |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |
| Brain                                     | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +                    | +    | +    | +    |
| Lymphoma Malignant                        |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |
| Peripheral Nerve                          |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |
| Spinal Cord                               |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |
| <b>RESPIRATORY SYSTEM</b>                 |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |
| Lung                                      | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +                    | +    | +    | +    |
| Adenocarcinoma, Metastatic, Uterus        |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |
| Carcinoma, Metastatic, Uterus             |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |
| Lymphoma Malignant                        |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                      |      |      |      |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
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Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS FEMALE<br>0 mg/kg      | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | ANIMAL ID | females<br>(cont...) |      |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|------|
|  | 0730        | 0731 | 0734 | 0735 | 0736 | 0737 | 0738 | 0739 | 0740 | 0741 | 0742 | 0743 | 0744 | 0745 | 0746 | 0747 | 0748 | 0749 | 0750 | 0751 | 0752 | 0753 | 0754 | 0755 |           |                      | 0756 |
| Nose                                   | +           | +    | +    | +    | +    | +    | A    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    |
| Trachea                                | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    |
| <b>SPECIAL SENSES SYSTEM</b>           |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Eye<br>Lymphoma Malignant              | +           | +    | +    | +    | +    | +    | M    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    |
| Harderian Gland<br>Lymphoma Malignant  | +           | +    | +    | +    | +    | +    | M    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    |
| <b>URINARY SYSTEM</b>                  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Kidney<br>Lipoma<br>Lymphoma Malignant | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    |
| Urinary Bladder<br>Lymphoma Malignant  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    |
| <b>SYSTEMIC LESIONS</b>                |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |           |                      |      |
| Multiple Organ<br>Lymphoma Malignant   | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +         | +                    | +    |

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Lab: BAT

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|-----------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
|                                   | 0730        | 0698 | 0730 | 0648 | 0729 | 0779 | 0770 | 0770 | 0770 | 0770 | 0330 | 0665 | 0479 | 0779 | 0778 | 0667 | 0362 | 0662 | 0729 | 0730 | 0729 | 0729 | 0678 | 0678 |          |
| ANIMAL ID                         | 0049        | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 50       |

ALIMENTARY SYSTEM

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus                          | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum             | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Colon             | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Rectum            | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Duodenum          | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | A | + | + | + | + | + | + | + | + | 47 |
| Lymphoma Malignant                 |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Intestine Small, Ileum             | + | + | + | A | + | + | + | + | + | + | M | + | + | + | + | A | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Jejunum           | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | 45 |
| Leiomyosarcoma                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant                 |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Liver                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hepatocellular Adenoma             |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Lymphoma Malignant                 |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   | 1  |
| Mesentery                          |   |   |   |   |   |   |   |   | + |   | + |   |   |   |   |   |   |   |   |   | + |   |   |   | 6  |
| Adenocarcinoma, Metastatic, Uterus |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Hemangiosarcoma                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Oral Mucosa                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Squamous Cell Carcinoma            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Pancreas                           | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

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+ .. Tissue examined microscopically  
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M .. Missing tissue  
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Species/Strain: RATS/Wistar Han

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS FEMALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
|                        | 0730        | 0698 | 0730 | 0648 | 0729 | 0779 | 0777 | 0777 | 0777 | 0777 | 0330 | 0665 | 0445 | 0779 | 0779 | 0778 | 0637 | 0362 | 0673 | 0229 | 0730 | 0772 | 0777 | 0678 |          |
| 0 mg/kg                | 0049        | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 |          |
|                        | 2           | 4    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |          |
|                        | 9           | 0    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 0    | 3    | 4    | 5    | 7    | 0    | 1    | 2    | 3    | 5    | 6    | 8    | 9    |          |

Adenocarcinoma, Metastatic, Uterus

1

Salivary Glands  
Lymphoma Malignant

+ + + + + + + + + M + + + + + + + + + + + + + +

49

X

1

Stomach, Forestomach  
Lymphoma Malignant  
Squamous Cell Carcinoma

+ +

50

X

1

X

1

Stomach, Glandular  
Carcinoma, Metastatic, Uterus  
Lymphoma Malignant

+ +

50

X

1

1

**CARDIOVASCULAR SYSTEM**

Blood Vessel

+ +

50

Heart

+ +

50

**ENDOCRINE SYSTEM**

Adrenal Cortex

+ +

50

Adrenal Medulla  
Pheochromocytoma Benign

+ +

50

1

Islets, Pancreatic

+ +

50

Parathyroid Gland

+ M +

47

Pituitary Gland

+ +

50

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Green tea extract

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First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

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|------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
|                                    | 0730        | 0698 | 0730 | 0648 | 0729 | 0779 | 0770 | 0770 | 0770 | 0770 | 0330 | 0638 | 0556 | 0475 | 0779 | 0779 | 0778 | 0667 | 0372 | 0632 | 0729 | 0730 | 0779 | 0778 |          |
| ANIMAL ID                          | 0049        | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |          |
| Pars Distalis, Adenoma             |             |      | X    | X    | X    | X    | X    | X    |      |      | X    | X    |      |      | X    | X    |      | X    | X    |      | X    | X    |      |      |          |
| Pars Distalis, Adenoma, Multiple   |             |      |      |      |      |      |      |      |      | X    |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |          |
| Pars Intermedia, Adenoma           | X           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |
| Pars Intermedia, Adenoma, Multiple |             |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |          |
| Thyroid Gland                      | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    |      |          |
| Lymphoma Malignant                 |             |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |          |
| C-cell, Adenoma                    |             |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |          |
| C-cell, Carcinoma                  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |          |
| Follicular Cell, Adenoma           |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |          |
| <b>GENERAL BODY SYSTEM</b>         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |
| NONE                               |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |
| <b>GENITAL SYSTEM</b>              |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |
| Clitoral Gland                     | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | M    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    |      |          |
| Lymphoma Malignant                 |             |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |          |
| Ovary                              | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    |      |          |
| Oviduct                            |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |
| Lymphoma Malignant                 |             |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |          |
| Uterus                             | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    |      |          |
| Adenocarcinoma                     |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |
| Lymphoma Malignant                 |             |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |          |
| Polyp Stromal                      |             |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |          |
| Schwannoma Malignant               |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |
| Cervix, Polyp Stromal              |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |

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|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|
|                        | 0730        | 0698 | 0730 | 0648 | 0729 | 0779 | 0770 | 0773 | 0770 | 0770 | 0330 | 0665 | 0449 | 0779 | 0779 | 0718 | 0667 | 0362 | 0673 | 0772 |          | 0779 | 0678 |
| 0 mg/kg                | 0049        | 0050 | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069     | 0070 | 20   |
|                        | 0024        | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055     | 0055 | 20   |

Cervix, Sarcoma Stromal

1

Vagina  
Polyp

1  
1

HEMATOPOIETIC SYSTEM

Bone Marrow

+ +

50

Lymph Node

+

3

Axillary, Lymphoma Malignant

X

1

Iliac, Adenocarcinoma, Metastatic, Uterus

1

Lumbar, Lymphoma Malignant

X

1

Lymph Node, Mandibular

+ + + + + + + + + + M + + + + + + + + + + + + + +

49

Lymphoma Malignant

X

1

Lymph Node, Mesenteric

+ +

50

Adenocarcinoma, Metastatic, Uterus

1

Hemangiosarcoma

1

Lymphoma Malignant

X

1

Spleen

+ +

50

Lymphoma Malignant

X

1

Thymus

+ + + + + + + + + + + + + M + + + + + + + + + + + +

49

Lymphoma Malignant

X

1

Thymoma Benign

X

X

3

INTEGUMENTARY SYSTEM

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



Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS FEMALE       | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |    |  |
|------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|----|--|
|                              | 0730        | 0698 | 0730 | 0648 | 0729 | 0779 | 0777 | 0777 | 0777 | 0777 | 0330 | 0665 | 0544 | 0772 | 0772 | 0771 | 0667 | 0332 | 0663 | 0729 | 0732 | 0729 | 0778 | 0667 |          |    |  |
| 0 mg/kg                      | ANIMAL ID   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |    |  |
|                              | 0049        | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005 | 0005     |    |  |
| Nose                         | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 49 |  |
| Trachea                      | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 50 |  |
| <b>SPECIAL SENSES SYSTEM</b> |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |    |  |
| Eye                          | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | M    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 48 |  |
| Lymphoma Malignant           |             |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |          | 1  |  |
| Harderian Gland              | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | M    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 48 |  |
| Lymphoma Malignant           |             |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |          | 1  |  |
| <b>URINARY SYSTEM</b>        |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |    |  |
| Kidney                       | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 50 |  |
| Lipoma                       |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          | 1  |  |
| Lymphoma Malignant           |             |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |          | 1  |  |
| Urinary Bladder              | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | M    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 49 |  |
| Lymphoma Malignant           |             |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |          | 1  |  |
| <b>SYSTEMIC LESIONS</b>      |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |    |  |
| Multiple Organ               | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 50 |  |
| Lymphoma Malignant           |             |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |          | 1  |  |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 X .. Lesion present  
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|                               |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <b>WISTAR HAN RATS FEMALE</b> | DAY ON TEST | 0729 | 0015 | 0048 | 0076 | 0057 | 0075 | 0077 | 0077 | 0067 | 0075 | 0077 | 0067 | 0076 | 0077 | 0067 | 0077 | 0077 | 0067 | 0076 | 0077 | 0067 | 0077 |
|                               | ANIMAL ID   | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | 0100 | 0101 | 0102 |

females (cont...)

ALIMENTARY SYSTEM

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus                                  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosarcoma                               |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Large, Cecum                     | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon                     | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma, Metastatic, Uterus         |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Large, Rectum                    | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum                  | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Serosa, Adenocarcinoma, Metastatic, Uterus |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Intestine Small, Ileum                     | + | + | A | + | + | M | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum                   | + | + | A | + | A | M | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leiomyosarcoma                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Liver                                      | + | + | + | + | + | I | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma, Metastatic, Uterus         |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |
| Cholangioma                                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Adenoma                     |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| Mesentery                                  |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   | + |   |
| Adenocarcinoma, Metastatic, Uterus         |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   | X |   |
| Pancreas                                   | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma, Metastatic, Uterus         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
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Green tea extract

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Lab: BAT

| WISTAR HAN RATS FEMALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  | females<br>(cont...) |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|----------------------|
|                        | 0729        | 0015 | 0048 | 0079 | 0065 | 0057 | 0055 | 0077 | 0059 | 0072 | 0073 | 0068 | 0076 | 0057 | 0077 | 0066 | 0077 | 0067 | 0077 | 0077 | 0066 | 0077 | 0067 | 0077 |  |                      |
| 100 mg/kg              | 0081        | 0002 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |  |                      |
|                        | 228         | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  | 228  |  |                      |

|                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thyroid Gland              | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Bilateral, C-cell, Adenoma |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |
| C-cell, Adenoma            |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland                     | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary                              | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma, Metastatic, Uterus |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |
| Uterus                             | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenocarcinoma                     |   |   |   | X |   |   | X |   |   |   |   | X |   |   |   |   |   |   |   |   | X |   |   |   |
| Polyp Stromal                      |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |
| Sarcoma Stromal                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Vagina                             |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   |   |   |   |   |   |   |   |   |   |
| Adenocarcinoma, Metastatic, Uterus |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |
| Sarcoma Stromal                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

HEMATOPOIETIC SYSTEM

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
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| WISTAR HAN RATS FEMALE<br>100 mg/kg                          | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID        | females<br>(cont...) |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|
|  | 0<br>7<br>2<br>9 | 0<br>0<br>1<br>5 | 0<br>4<br>0<br>8 | 0<br>7<br>2<br>9 | 0<br>6<br>8<br>9 | 0<br>5<br>5<br>1 | 0<br>7<br>2<br>9 | 0<br>5<br>9<br>8 | 0<br>7<br>2<br>9 | 0<br>7<br>3<br>0 | 0<br>6<br>7<br>8 | 0<br>7<br>2<br>9 | 0<br>5<br>0<br>6 | 0<br>7<br>3<br>0 | 0<br>7<br>6<br>4 | 0<br>6<br>3<br>0 | 0<br>7<br>9<br>4 | 0<br>7<br>1<br>4 | 0<br>7<br>3<br>0 | 0<br>7<br>1<br>9 | 0<br>6<br>4<br>5 | 0<br>7<br>3<br>0 | 0<br>6<br>4<br>5 | 0<br>7<br>3<br>0 | 0<br>7<br>2<br>9 |                  |                      |
| Lymph Node, Mandibular                                       | +                | +                | M                | +                | +                | M                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | 0<br>0<br>2<br>8 | females<br>(cont...) |
| Lymph Node, Mesenteric<br>Adenocarcinoma, Metastatic, Uterus | +                | +                | +                | +                | +                | M                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | X                | +                | +                | 0<br>0<br>2<br>8 | females<br>(cont...) |
| Spleen<br>Adenocarcinoma, Metastatic, Uterus                 | +                | +                | +                | +                | +                | M                | +                | +                | +                | +                | +                | X                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | 0<br>0<br>2<br>8 | females<br>(cont...) |
| Thymus<br>Thymoma Benign                                     | +                | +                | +                | +                | +                | M                | +                | M                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | M                | +                | +                | +                | 0<br>0<br>2<br>8 | females<br>(cont...) |
| <b>INTEGUMENTARY SYSTEM</b>                                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |
| Mammary Gland<br>Carcinoma, Multiple                         | +                | +                | +                | +                | +                | M                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | 0<br>0<br>2<br>8 | females<br>(cont...) |
| Fibroadenoma   | X                |                  |                  |                  | X                |                  |                  |                  | X                |                  |                  |                  | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | X                |                  | 0<br>0<br>2<br>8 | females<br>(cont...) |
| Fibroadenoma, Multiple                                       |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | X                | 0<br>0<br>2<br>8 | females<br>(cont...) |
| Skin<br>Basal Cell Carcinoma                                 | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | 0<br>0<br>2<br>8 | females<br>(cont...) |
| Trichoepithelioma  | X                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | 0<br>0<br>2<br>8 | females<br>(cont...) |
| Subcutaneous Tissue, Lipoma                                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | X                | 0<br>0<br>2<br>8 | females<br>(cont...) |
| <b>MUSCULOSKELETAL SYSTEM</b>                                |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |
| Bone   | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | 0<br>0<br>2<br>8 | females<br>(cont...) |
| <b>NERVOUS SYSTEM</b>  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                      |
| Brain<br>Glioma Malignant                                    | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | +                | 0<br>0<br>2<br>8 | females<br>(cont...) |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
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|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|------|
|                        | 0730        | 0733 | 0732 | 0729 | 0733 | 0733 | 0722 | 0722 | 0733 | 0733 | 0733 | 0739 | 0722 | 0722 | 0722 | 0728 | 0709 | 0709 | 0706 | 0707 | 0707 | 0706 | 0702 | 0703 |          | 0707 | 0706 | 0700 | 0706 |
| 100 mg/kg              | 0000        | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000     | 0000 | 0000 | 0000 | 0000 |
| ANIMAL ID              | 3006        | 3007 | 3008 | 3009 | 3010 | 3011 | 3012 | 3013 | 3014 | 3015 | 3016 | 3017 | 3018 | 3019 | 3020 | 3021 | 3022 | 3023 | 3024 | 3025 | 3026 | 3027 | 3028 | 3029 | 3030     | 3031 | 3032 | 3033 | 3034 |

ALIMENTARY SYSTEM

|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |        |                   |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|-------------------|
| Esophagus<br>Fibrosarcoma  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +      | 50<br>1           |
| Intestine Large, Cecum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +      | 49                |
| Intestine Large, Colon<br>Adenocarcinoma, Metastatic, Uterus                         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +      | 49<br>1           |
| Intestine Large, Rectum  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +      | 49                |
| Intestine Small, Duodenum<br>Serosa, Adenocarcinoma, Metastatic, Uterus              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +      | 48<br>1           |
| Intestine Small, Ileum   | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | +      | 46                |
| Intestine Small, Jejunum<br>Leiomyosarcoma   | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | +      | 43<br>1           |
| Liver<br>Adenocarcinoma, Metastatic, Uterus<br>Cholangioma<br>Hepatocellular Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +      | 48<br>2<br>1<br>2 |
| Mesentery<br>Adenocarcinoma, Metastatic, Uterus                                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 3<br>3 |                   |
| Pancreas<br>Adenocarcinoma, Metastatic, Uterus                                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | +      | 49<br>1           |

\* .. 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

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS FEMALE<br>100 mg/kg | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |      |      |   |    |
|-------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|---|----|
|                                     | 0730        | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 |          | 0730 | 0730 |   |    |
| ANIMAL ID                           | 0000        | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000     | 0000 |      |   |    |
| Carcinoma, Metastatic, Uterus       |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |      | X    | 1 |    |
| Salivary Glands                     | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | +    | +    | + | 48 |
| Stomach, Forestomach                | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | +    | +    | + | 50 |
| Adenocarcinoma, Metastatic, Uterus  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |      |      |   | 2  |
| Leiomyosarcoma                      |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |      |      |   | 1  |
| Stomach, Glandular                  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | +    | +    | + | 49 |
| Adenocarcinoma, Metastatic, Uterus  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |      |      |   | 2  |
| <b>CARDIOVASCULAR SYSTEM</b>        |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |      |      |   |    |
| Blood Vessel                        | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | +    | +    | + | 48 |
| Heart                               | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | +    | +    | + | 48 |
| <b>ENDOCRINE SYSTEM</b>             |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |      |      |   |    |
| Adrenal Cortex                      | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | +    | +    | + | 49 |
| Adenoma                             |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |      |      |   | 2  |
| Adrenal Medulla                     | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | +    | +    | + | 49 |
| Islets, Pancreatic                  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | +    | +    | + | 49 |
| Parathyroid Gland                   | +           | +    | +    | M    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | +    | M    | + | 46 |
| Pituitary Gland                     | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | +    | +    | + | 50 |
| Pars Distalis, Adenoma              |             | X    | X    |      |      |      | X    |      | X    |      |      |      |      | X    |      |      |      | X    |      |      |          |      |      |   | 17 |
| Pars Distalis, Adenoma, Multiple    |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |      |      |   | 4  |

\* .. 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

Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS FEMALE | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |
|------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
|                        | 07          | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   | 07   |          |
| 100 mg/kg              | 30          | 30   | 29   | 30   | 33   | 22   | 22   | 33   | 33   | 30   | 00   | 00   | 00   | 00   | 00   | 00   | 00   | 00   | 00   | 00   | 00   | 00   | 00   | 00   | 49       |
| ANIMAL ID              | 0030        | 0030 | 0030 | 0030 | 0033 | 0022 | 0022 | 0033 | 0033 | 0030 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |          |

|                            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Thyroid Gland              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Bilateral, C-cell, Adenoma |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| C-cell, Adenoma            |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   | 3  |

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

|                                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Clitoral Gland                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Ovary                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Adenocarcinoma, Metastatic, Uterus |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Uterus                             | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Adenocarcinoma                     |   |   |   |   |   |   | X |   |   | X |   |   |   |   | X | X |   |   | X |   |   |   |   |   | 9  |
| Polyp Stromal                      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Sarcoma Stromal                    |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |
| Vagina                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2  |
| Adenocarcinoma, Metastatic, Uterus |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | + |   |   | 1  |
| Sarcoma Stromal                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   | 1  |

**HEMATOPOIETIC SYSTEM**

|             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1  |

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

M .. Missing tissue  
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Experiment Number: 20203 - 03

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Route: GAVAGE

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Green tea extract

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Lab: BAT

| WISTAR HAN RATS FEMALE<br>100 mg/kg | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |      |
|-------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|
|                                     | 0730        | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 | 0730 |          | 0730 |
| ANIMAL ID                           | 0030        | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030 | 0030     |      |
| Lymph Node, Mandibular              | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 48   |
| Lymph Node, Mesenteric              | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 49   |
| Adenocarcinoma, Metastatic, Uterus  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          | 1    |
| Spleen                              | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 49   |
| Adenocarcinoma, Metastatic, Uterus  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |          | 2    |
| Thymus                              | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 47   |
| Thymoma Benign                      |             |      |      |      |      | X    |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |          | 3    |
| <b>INTEGUMENTARY SYSTEM</b>         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |      |
| Mammary Gland                       | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 49   |
| Carcinoma, Multiple                 |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          | 3    |
| Fibroadenoma                        |             |      |      |      |      |      |      |      |      | X    |      |      |      |      |      | X    |      | X    |      |      |          | 7    |
| Fibroadenoma, Multiple              | X           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          | 1    |
| Skin                                | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 50   |
| Basal Cell Carcinoma                |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          | 1    |
| Trichoepithelioma                   |             |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          | 1    |
| Subcutaneous Tissue, Lipoma         |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          | 1    |
| <b>MUSCULOSKELETAL SYSTEM</b>       |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |      |
| Bone                                | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 50   |
| <b>NERVOUS SYSTEM</b>               |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |      |
| Brain                               | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +        | 50   |
| Glioma Malignant                    |             |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |          | 1    |

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| WISTAR HAN RATS FEMALE | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID | females<br>(cont...) |                  |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |
|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|                        | 0<br>2<br>3<br>9 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>0 | 0<br>2<br>1<br>6 | 0<br>5<br>0<br>6 | 0<br>7<br>3<br>0 | 0<br>5<br>3<br>0 | 0<br>7<br>3<br>0 | 0<br>6<br>2<br>8 | 0<br>7<br>9<br>0 | 0<br>4<br>3<br>7 | 0<br>6<br>6<br>5 | 0<br>6<br>7<br>1 | 0<br>5<br>4<br>9 | 0<br>0<br>0<br>8 | 0<br>1<br>0<br>0 | 0<br>7<br>3<br>0 | 0<br>7<br>3<br>0 | 0<br>3<br>2<br>8 | 0<br>7<br>2<br>9 |           |                      | 0<br>7<br>2<br>9 | 0<br>7<br>3<br>0           | 0<br>7<br>2<br>9           |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |                            |
| 300 mg/kg              | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0         | 0                    | 0                | 0<br>0<br>3<br>3<br>3<br>1 | 0<br>0<br>3<br>3<br>3<br>4 | 0<br>0<br>3<br>3<br>3<br>5 | 0<br>0<br>3<br>3<br>3<br>6 | 0<br>0<br>3<br>3<br>3<br>7 | 0<br>0<br>3<br>3<br>3<br>8 | 0<br>0<br>3<br>3<br>3<br>9 | 0<br>0<br>3<br>3<br>3<br>0 | 0<br>0<br>3<br>3<br>3<br>1 | 0<br>0<br>3<br>3<br>3<br>2 | 0<br>0<br>3<br>3<br>3<br>3 | 0<br>0<br>3<br>3<br>3<br>4 | 0<br>0<br>3<br>3<br>3<br>5 | 0<br>0<br>3<br>3<br>3<br>6 | 0<br>0<br>3<br>3<br>3<br>7 | 0<br>0<br>3<br>3<br>3<br>8 | 0<br>0<br>3<br>3<br>3<br>9 | 0<br>0<br>3<br>3<br>3<br>0 | 0<br>0<br>3<br>3<br>3<br>1 | 0<br>0<br>3<br>3<br>3<br>2 | 0<br>0<br>3<br>3<br>3<br>3 | 0<br>0<br>3<br>3<br>3<br>4 | 0<br>0<br>3<br>3<br>3<br>5 |

|                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Pituitary Gland                     | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Pars Distalis, Adenoma              |   | X |   |   |   |   | X | X |   | X |   |   | X |   |   |   |   | X |   |   |   |   | X |  |
| Pars Distalis, Adenoma, Multiple    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Pars Distalis, Carcinoma            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |  |
| Pars Intermedia, Adenoma            |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |  |
| Thyroid Gland                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Sarcoma Stromal, Metastatic, Uterus |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| C-cell, Adenoma                     |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Follicular Cell, Adenoma            |   |   |   |   |   |   |   |   |   | X |   | X |   | X |   |   | X |   |   |   |   |   |   |  |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

|                                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Clitoral Gland                      | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |  |
| Adenoma                             |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Carcinoma                           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Sarcoma                             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X |   |   |  |
| Ovary                               | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |  |
| Adenocarcinoma, Metastatic, Uterus  |   |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Sarcoma Stromal, Metastatic, Uterus |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Uterus                              | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |  |
| Adenocarcinoma                      |   |   |   |   |   |   |   | X |   |   |   |   |   |   |   |   |   | X |   |   |   | X | X |  |
| Polyp Stromal                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
| Sarcoma Stromal                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |

\* .. 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











Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS FEMALE<br>300 mg/kg         | DAY ON TEST           |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | * TOTALS |  |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|--|
|   | 0<br>2<br>7<br>5      | 0<br>6<br>1<br>0      | 0<br>0<br>2<br>1      | 0<br>7<br>3<br>0      | 0<br>7<br>1<br>9      | 0<br>7<br>2<br>9      | 0<br>3<br>6<br>2      | 0<br>7<br>3<br>0      | 0<br>6<br>2<br>8      | 0<br>5<br>0<br>6      | 0<br>3<br>0<br>9      | 0<br>7<br>0<br>0      | 0<br>0<br>3<br>6      | 0<br>7<br>0<br>0      | 0<br>0<br>1<br>5      | 0<br>4<br>0<br>7      | 0<br>7<br>3<br>9      | 0<br>7<br>2<br>9      | 0<br>7<br>3<br>0      | 0<br>7<br>3<br>0      | 0<br>5<br>8<br>4      | 0<br>7<br>3<br>0      | 0<br>6<br>3<br>9      |                       |          |  |
| ANIMAL ID                                   | 0<br>0<br>3<br>5<br>6 | 0<br>0<br>3<br>5<br>7 | 0<br>0<br>3<br>5<br>8 | 0<br>0<br>3<br>5<br>9 | 0<br>0<br>3<br>6<br>0 | 0<br>0<br>3<br>6<br>1 | 0<br>0<br>3<br>6<br>2 | 0<br>0<br>3<br>6<br>3 | 0<br>0<br>3<br>6<br>4 | 0<br>0<br>3<br>6<br>5 | 0<br>0<br>3<br>6<br>6 | 0<br>0<br>3<br>6<br>7 | 0<br>0<br>3<br>6<br>8 | 0<br>0<br>3<br>6<br>9 | 0<br>0<br>3<br>7<br>0 | 0<br>0<br>3<br>7<br>1 | 0<br>0<br>3<br>7<br>2 | 0<br>0<br>3<br>7<br>3 | 0<br>0<br>3<br>7<br>4 | 0<br>0<br>3<br>7<br>5 | 0<br>0<br>3<br>7<br>6 | 0<br>0<br>3<br>7<br>7 | 0<br>0<br>3<br>7<br>8 | 0<br>0<br>3<br>7<br>9 |          |  |
| Adenocarcinoma, Metastatic, Uterus          |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | 1        |  |
| Salivary Glands                             | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 50       |  |
| Stomach, Forestomach                        | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 49       |  |
| Adenocarcinoma, Metastatic, Uterus          |                       |                       | X                     |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | 1        |  |
| Stomach, Glandular                          | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 49       |  |
| <b>CARDIOVASCULAR SYSTEM</b>                |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |  |
| Blood Vessel                                | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 50       |  |
| Aorta, Sarcoma Stromal, Metastatic, Uterus  |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | X                     |                       | 1        |  |
| Heart                                       | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 50       |  |
| Sarcoma Stromal, Metastatic, Uterus         |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | X                     |                       | 1        |  |
| <b>ENDOCRINE SYSTEM</b>                     |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |          |  |
| Adrenal Cortex                              | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 49       |  |
| Adenocarcinoma, Metastatic, Uterus          |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | 1        |  |
| Adenoma                                     |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | 1        |  |
| Capsule, Adenocarcinoma, Metastatic, Uterus |                       |                       | X                     |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | 1        |  |
| Adrenal Medulla                             | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 49       |  |
| Pheochromocytoma Benign                     |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | X                     |                       | 2        |  |
| Islets, Pancreatic                          | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 48       |  |
| Parathyroid Gland                           | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 48       |  |

\* .. 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









Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

|                               |                   | DAY ON TEST |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | females<br>(cont...) |   |   |   |   |
|-------------------------------|-------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|---|---|---|---|
| <b>WISTAR HAN RATS FEMALE</b> | <b>1000 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           | 5 | 4 | 7 | 1 | 0 | 0 | 0 | 5 | 2 | 6 | 3 | 5 | 0 | 7 | 6 | 2 | 4 | 5 | 2 |                      | 6 | 4 | 3 | 7 |
|                               |                   | 9           | 4 | 4 | 1 | 7 | 1 | 1 | 0 | 3 | 1 | 0 | 3 | 8 | 8 | 2 | 2 | 4 | 4 | 3 | 1 | 1                    | 9 | 7 | 2 | 9 |
|                               |                   | 9           | 4 | 6 | 4 | 3 | 5 | 5 | 7 | 3 | 7 | 3 | 4 | 4 | 9 | 7 | 6 | 3 | 0 | 1 | 0 | 7                    | 3 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0                    | 0 | 0 | 0 |   |
|                               |                   | 3           | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4                    | 4 | 4 | 4 |   |
|                               |                   | 8           | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0                    | 0 | 0 |   |   |
|                               |                   | 1           | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 2 | 3 | 5 | 6 | 8 | 0 | 1 | 2 | 3 | 4 | 5                    | 6 | 7 | 8 | 9 |

**ALIMENTARY SYSTEM**

|                                 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus                       | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum          | + | + | + | + | M | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon          | + | + | + | + | M | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum         | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum       | + | + | + | + | M | + | + | M | + | + | + | A | + | M | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum          | + | + | + | + | M | + | + | M | + | A | + | + | + | M | + | + | A | + | + | + | + | + | + | A |
| Intestine Small, Jejunum        | + | + | + | + | M | + | + | M | + | A | + | A | + | M | + | + | + | + | + | + | + | + | + | + |
| Liver                           | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma, Metastatic, Pancreas |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Hepatocellular Adenoma          |   |   |   |   |   |   |   |   |   |   |   |   |   |   | X | X |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Mesentery                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Carcinoma, Metastatic, Pancreas |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Pancreas                        | + | + | + | + | M | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + |
| Carcinoma                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Histiocytic Sarcoma             |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Salivary Glands                 | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + |

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

M .. Missing tissue  
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Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS FEMALE<br>1000 mg/kg  | DAY ON TEST |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | ANIMAL ID | females<br>(cont...) |             |             |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|----------------------|-------------|-------------|
|   | 0<br>9<br>9 | 0<br>5<br>4 | 0<br>4<br>4 | 0<br>7<br>1 | 0<br>1<br>7 | 0<br>0<br>1 | 0<br>0<br>1 | 0<br>0<br>0 | 0<br>5<br>3 | 0<br>2<br>1 | 0<br>6<br>0 | 0<br>3<br>3 | 0<br>5<br>8 | 0<br>0<br>4 | 0<br>7<br>2 | 0<br>6<br>2 | 0<br>4<br>4 | 0<br>5<br>3 | 0<br>2<br>1 | 0<br>6<br>0 |           |                      | 0<br>4<br>3 | 0<br>3<br>7 |
| Lymph Node, Mandibular  | +           | +           | M           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | M           | +           | +           | +         | +                    | +           | +           |
| Lymph Node, Mesenteric  | +           | +           | +           | +           | M           | +           | +           | M           | +           | +           | +           | +           | +           | M           | +           | +           | +           | +           | +           | +           | +         | +                    | +           | +           |
| Spleen<br>Carcinoma, Metastatic, Pancreas<br>Histiocytic Sarcoma                                      | +           | +           | +           | +           | M           | +           | +           | M           | +           | A           | +           | +           | +           | M           | +           | +           | +           | +           | +           | +           | +         | +                    | +           | +           |
| Thymus  | +           | +           | +           | +           | +           | +           | +           | M           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +         | +                    | +           | +           |
| <b>INTEGUMENTARY SYSTEM</b>   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           |                      |             |             |
| Mammary Gland<br>Fibroadenoma   | +           | +           | +           | +           | M           | +           | +           | M           | +           | +           | +           | +           | +           | M           | +           | +           | +           | +           | +           | +           | +         | +                    | +           | +           |
| Skin  | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +         | +                    | +           | +           |
| <b>MUSCULOSKELETAL SYSTEM</b>   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           |                      |             |             |
| Bone  | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +         | +                    | +           | +           |
| Skeletal Muscle<br>Carcinoma, Metastatic, Pancreas  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           |                      |             |             |
| <b>NERVOUS SYSTEM</b>   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           |                      |             |             |
| Brain<br>Granular Cell Tumor Benign<br>Meninges, Schwannoma Malignant, Metastatic,<br>Pituitary Gland | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +           | +         | +                    | +           | +           |

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------|--|
|   | 0<br>5<br>3<br>7      | 0<br>4<br>7<br>1      | 0<br>4<br>4<br>4      | 0<br>6<br>5<br>6      | 0<br>5<br>0<br>9      | 0<br>5<br>1<br>3      | 0<br>4<br>0<br>8      | 0<br>0<br>9<br>6      | 0<br>6<br>1<br>1      | 0<br>1<br>6<br>5      | 0<br>5<br>4<br>0      | 0<br>5<br>5<br>3      | 0<br>5<br>9<br>9      | 0<br>5<br>1<br>3      | 0<br>1<br>6<br>1      | 0<br>4<br>3<br>4      | 0<br>2<br>6<br>7      | 0<br>5<br>7<br>4      | 0<br>2<br>3<br>6      | 0<br>3<br>8<br>6      | 0<br>6<br>6<br>8      | 0<br>0<br>2<br>0      | 0<br>7<br>2<br>9      | 0<br>7<br>2<br>9      |                       |              |  |
| ANIMAL ID   | 0<br>0<br>4<br>1<br>0 | 0<br>0<br>4<br>1<br>0 | 0<br>0<br>4<br>1<br>0 | 0<br>0<br>4<br>1<br>0 | 0<br>0<br>4<br>1<br>0 | 0<br>0<br>4<br>1<br>0 | 0<br>0<br>4<br>1<br>0 | 0<br>0<br>4<br>2<br>1 | 0<br>0<br>4<br>2<br>2 | 0<br>0<br>4<br>2<br>2 | 0<br>0<br>4<br>2<br>2 | 0<br>0<br>4<br>2<br>2 | 0<br>0<br>4<br>2<br>2 | 0<br>0<br>4<br>2<br>2 | 0<br>0<br>4<br>3<br>0 | 0<br>0<br>4<br>3<br>1 | 0<br>0<br>4<br>3<br>2 | 0<br>0<br>4<br>3<br>3 | 0<br>0<br>4<br>3<br>3 | 0<br>0<br>4<br>3<br>3 | 0<br>0<br>4<br>3<br>3 | 0<br>0<br>4<br>3<br>3 | 0<br>0<br>4<br>3<br>3 | 0<br>0<br>4<br>3<br>3 | 0<br>0<br>4<br>3<br>9 |              |  |
| Stomach, Forestomach<br>Histiocytic Sarcoma               | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | M                     | +                     | +                     | +                     | +                     | A                     | +                     | +                     | +                     | +                     | +                     | 44<br>1      |  |
| Stomach, Glandular<br>Fibrosarcoma<br>Histiocytic Sarcoma | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | M                     | +                     | +                     | +                     | +                     | A                     | +                     | +                     | +                     | +                     | +                     | 44<br>1<br>1 |  |
| <b>CARDIOVASCULAR SYSTEM</b>                              |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |              |  |
| Blood Vessel  | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 46           |  |
| Heart   | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 48           |  |
| <b>ENDOCRINE SYSTEM</b>                                   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |              |  |
| Adrenal Cortex  | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 47           |  |
| Adrenal Medulla   | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 47           |  |
| Islets, Pancreatic  | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | M                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | 44           |  |
| Parathyroid Gland   | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | 44           |  |
| Pituitary Gland   | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 50           |  |
| Pars Distalis, Adenoma                                    |                       |                       |                       |                       |                       | X                     |                       |                       |                       |                       |                       |                       |                       | X                     |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | 6                     |              |  |
| Pars Distalis, Adenoma, Multiple                          |                       |                       |                       |                       |                       |                       |                       |                       | X                     |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | 2                     |              |  |
| Pars Nervosa, Schwannoma Malignant                        |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | X                     |                       |                       |                       |                       |                       |                       |                       |                       |                       | 1                     |              |  |
| Thyroid Gland   | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | M                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | 47                    |              |  |
| C-cell, Adenoma   |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       | 1                     |              |  |

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 + .. Tissue examined microscopically  
 X .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
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Experiment Number: 20203 - 03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/Wistar Han

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 12/20/2013

Time Report Requested: 09:47:59

First Dose M/F: 07/18/07 / 07/19/07

Lab: BAT

| WISTAR HAN RATS FEMALE<br>1000 mg/kg                        | DAY ON TEST |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | * TOTALS |  |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|--|
|   | 0537        | 0471 | 0444 | 0656 | 0553 | 0408 | 0061 | 0015 | 0655 | 0055 | 0055 | 0055 | 0055 | 0111 | 0111 | 0444 | 0222 | 0555 | 0222 | 0333 | 0666 | 0000 | 0777 | 0777 |          |  |
| ANIMAL ID   | 0041        | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 |          |  |
| Lymph Node, Mandibular                                      | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | M    | M    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | 46   |          |  |
| Lymph Node, Mesenteric                                      | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | M    | +    | +    | +    | +    | M    | +    | +    | +    | 45   |          |  |
| Spleen  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | M    | M    | +    | +    | +    | +    | M    | +    | +    | +    | 43   |          |  |
| Carcinoma, Metastatic, Pancreas                             |             |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      | 1    |      |          |  |
| Histiocytic Sarcoma   |             |      |      | X    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |          |  |
| Thymus  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | M    | +    | +    | M    | +    | +    | +    | +    | +    | +    | +    | 47   |      |          |  |
| <b>INTEGUMENTARY SYSTEM</b>                                 |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |  |
| Mammary Gland   | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | 47   |          |  |
| Fibroadenoma  |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1    |          |  |
| Skin  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | 50   |          |  |
| <b>MUSCULOSKELETAL SYSTEM</b>                               |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |  |
| Bone  | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | A    | +    | +    | +    | 49   |          |  |
| Skeletal Muscle   |             |      |      |      |      |      |      |      |      |      |      | +    | +    |      |      |      |      |      |      |      |      |      |      | 2    |          |  |
| Carcinoma, Metastatic, Pancreas                             |             |      |      |      |      |      |      |      |      |      |      | X    | X    |      |      |      |      |      |      |      |      |      |      | 2    |          |  |
| <b>NERVOUS SYSTEM</b>                                       |             |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |  |
| Brain   | +           | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | +    | 50   |          |  |
| Granular Cell Tumor Benign                                  |             |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      |      | 1    |          |  |
| Meninges, Schwannoma Malignant, Metastatic, Pituitary Gland |             |      |      |      |      |      |      |      |      |      |      |      |      | X    |      |      |      |      |      |      |      |      |      | 1    |          |  |

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