

**TDMS No.** 20304 - 01

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

**Date Report Requested:** 06/24/2008

**Test Type:** CHRONIC

TEF evaluation (PCB 118)

**Time Report Requested:** 13:42:49

**Route:** GAVAGE

**CAS Number:** 31508-00-6

**First Dose M/F:** NA / 03/26/04

**Species/Strain:** RATS/SD

**Lab:** BAT

53 Wk\_SSAC\_R8

**C Number:** C20304

**Lock Date:** 10/12/2006

**Cage Range:** ALL

**Date Range:** ALL

**Reasons For Removal:** 25017 SSAC

**Removal Date Range:** 30-Mar-2005 - 30-Mar-2005

**Treatment Groups:** Include 001 0 UG/KG

Include 002 10 UG/KG

Include 003 30 UG/KG

Include 004 100 UG/KG

Include 005 220 UG/KG

Include 006 460 UG/KG

Include 007 1000 UG/KG

Include 008 4600 UG/KG

**Study Gender:** Female

**TDMSE Version:** 2.0.0

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Route: GAVAGE

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First Dose M/F: NA / 03/26/04

Species/Strain: RATS/SD

Lab: BAT

SPRAGUE-DAWLEY RATS FEMALE	0 UG/KG	10 UG/KG	30 UG/KG	100 UG/KG	220 UG/KG	460 UG/KG
<b>Disposition Summary</b>						
Animals Initially in Study	80	30	30	80	80	80
Scheduled Sacrifice	8	8	10	8	8	8
Early Deaths						
Survivors						
Animals Examined Microscopically	8	8	10	8	8	8
<b>ALIMENTARY SYSTEM</b>						
Liver	(8)	(8)	(10)	(8)	(8)	(8)
Cholangiocarcinoma						
Cholangiocarcinoma, Multiple						
Hepatocellular Adenoma						
Pancreas	(8)	(8)	(10)	(8)	(8)	(8)
Stomach, Forestomach	(8)	(0)	(0)	(0)	(0)	(0)
Stomach, Glandular	(8)	(0)	(0)	(0)	(0)	(0)
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(8)	(8)	(10)	(8)	(8)	(8)
Adrenal Medulla	(8)	(8)	(10)	(8)	(8)	(8)
Pituitary Gland	(8)	(0)	(0)	(0)	(0)	(0)
Thyroid Gland	(8)	(8)	(10)	(8)	(8)	(8)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Ovary	(8)	(0)	(0)	(0)	(0)	(0)

a - Number of animals examined microscopically at site and number of animals with lesion

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SPRAGUE-DAWLEY RATS FEMALE	0 UG/KG	10 UG/KG	30 UG/KG	100 UG/KG	220 UG/KG	460 UG/KG
Uterus	(8)	(8)	(10)	(8)	(8)	(8)
Polyp Stromal	1 (13%)					
Vagina	(8)	(0)	(0)	(0)	(0)	(0)
<b>HEMATOPOIETIC SYSTEM</b>						
Spleen	(8)	(0)	(0)	(0)	(0)	(0)
Thymus	(8)	(8)	(10)	(8)	(8)	(8)
<b>INTEGUMENTARY SYSTEM</b>						
Mammary Gland	(8)	(2)	(2)	(1)	(2)	(0)
Fibroadenoma			2 (100%)	1 (100%)	2 (100%)	
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
None						
<b>RESPIRATORY SYSTEM</b>						
Lung	(8)	(8)	(10)	(8)	(8)	(8)
<b>SPECIAL SENSES SYSTEM</b>						
None						
<b>URINARY SYSTEM</b>						
Kidney	(0)	(1)	(0)	(0)	(0)	(0)

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Species/Strain: RATS/SD

Lab: BAT

SPRAGUE-DAWLEY RATS FEMALE	1000 UG/KG	4600 UG/KG
<b>Disposition Summary</b>		
Animals Initially in Study	80	80
Scheduled Sacrifice	8	8
Early Deaths		
Survivors		
Animals Examined Microscopically	8	8
<b>ALIMENTARY SYSTEM</b>		
Liver	(8)	(8)
Cholangiocarcinoma		1 (13%)
Cholangiocarcinoma, Multiple		2 (25%)
Hepatocellular Adenoma		1 (13%)
Pancreas	(8)	(8)
Stomach, Forestomach	(0)	(8)
Stomach, Glandular	(0)	(8)
<b>CARDIOVASCULAR SYSTEM</b>		
None		
<b>ENDOCRINE SYSTEM</b>		
Adrenal Cortex	(8)	(8)
Adrenal Medulla	(8)	(8)
Pituitary Gland	(0)	(8)
Thyroid Gland	(8)	(8)
<b>GENERAL BODY SYSTEM</b>		
None		
<b>GENITAL SYSTEM</b>		
Ovary	(0)	(8)

a - Number of animals examined microscopically at site and number of animals with lesion

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SPRAGUE-DAWLEY RATS FEMALE	1000 UG/KG	4600 UG/KG
Uterus	(8)	(8)
Polyp Stromal		
Vagina	(0)	(8)
HEMATOPOIETIC SYSTEM		
Spleen	(0)	(8)
Thymus	(8)	(8)
INTEGUMENTARY SYSTEM		
Mammary Gland	(1)	(8)
Fibroadenoma	1 (100%)	
MUSCULOSKELETAL SYSTEM		
None		
NERVOUS SYSTEM		
None		
RESPIRATORY SYSTEM		
Lung	(8)	(8)
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Kidney	(0)	(0)

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**Tumor Summary for Females**

Total Animals with Primary Neoplasms (b)	1		2	1	2	
Total Primary Neoplasms	1		2	1	2	
Total Animals with Benign Neoplasms	1		2	1	2	
Total Benign Neoplasms	1		2	1	2	
Total Animals with Malignant Neoplasms						
Total Malignant Neoplasms						
Total Animals with Metastatic Neoplasms						
Total Metastatic Neoplasms						
Total Animals with Malignant Neoplasms Uncertain Primary Site						
Total Animals with Neoplasms Uncertain-Benign or Malignant						
Total Uncertain Neoplasms						

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

Test Type: CHRONIC

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SPRAGUE-DAWLEY RATS FEMALE

1000 UG/KG

4600 UG/KG

### Tumor Summary for Females

Total Animals with Primary Neoplasms (b)	1	4
Total Primary Neoplasms	1	4
Total Animals with Benign Neoplasms	1	1
Total Benign Neoplasms	1	1
Total Animals with Malignant Neoplasms		3
Total Malignant Neoplasms		3
Total Animals with Metastatic Neoplasms		
Total Metastatic Neoplasms		
Total Animals with Malignant Neoplasms Uncertain Primary Site		
Total Animals with Neoplasms Uncertain-Benign or Malignant		
Total Uncertain Neoplasms		

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

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors