

TDMS No. 20201 - 01

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

**Date Report Reqsted:** 06/14/2006

**Test Type:** 26-WEEK

TEF TRANSGENICS (TCDD)

**Time Report Reqsted:** 13:12:56

**Route:** SKIN APPLICATION

**CAS Number:** 1746-01-6

**First Dose M/F:** NA / 04/21/03

**Species/Strain:** MICE/TG.AC HEMI

**Lab:** BAT

**C Number:** C20201A

**Lock Date:** 07/24/2004

**Cage Range:** ALL

**Date Range:** ALL

**Reasons For Removal:** ALL

**Removal Date Range:** ALL

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

Include 002 121 NG/KG

Include 003 760 NG/KG

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Lab: BAT

TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0 NG/KG	121 NG/KG	760 NG/KG
<b>Disposition Summary</b>			
Animals Initially in Study	20	20	20
Early Deaths			
Moribund Sacrifice	1	6	8
Natural Death	2	2	1
Survivors			
Terminal Sacrifice	17	12	11
Animals Examined Microscopically	20	20	20
<b>ALIMENTARY SYSTEM</b>			
Liver	(20)	(20)	(20)
Mesentery	(1)	(0)	(1)
Salivary Glands	(1)	(0)	(0)
Squamous Cell Carcinoma	1 (100%)		
Stomach, Forestomach	(6)	(4)	(5)
Squamous Cell Papilloma	4 (67%)	4 (100%)	2 (40%)
Squamous Cell Papilloma, Multiple	1 (17%)		2 (40%)
Stomach, Glandular	(1)	(0)	(1)
Tooth	(6)	(6)	(2)
Odontogenic Tumor	5 (83%)	4 (67%)	1 (50%)
Odontogenic Tumor, Multiple	1 (17%)	2 (33%)	1 (50%)
<b>CARDIOVASCULAR SYSTEM</b>			
Heart	(0)	(1)	(1)
<b>ENDOCRINE SYSTEM</b>			
None			
<b>GENERAL BODY SYSTEM</b>			
None			

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

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<b>GENITAL SYSTEM</b>			
None			
<b>HEMATOPOIETIC SYSTEM</b>			
Lymph Node	(0)	(0)	(1)
Squamous Cell Carcinoma, Metastatic, Skin			1 (100%)
Lymph Node, Mandibular	(0)	(1)	(2)
Spleen	(20)	(20)	(20)
Thymus	(20)	(19)	(19)
<b>INTEGUMENTARY SYSTEM</b>			
Skin	(4)	(2)	(6)
Squamous Cell Carcinoma			1 (17%)
Squamous Cell Papilloma		2 (100%)	3 (50%)
Squamous Cell Papilloma, Multiple			2 (33%)
Skin, Control Dermis	(20)	(20)	(20)
Skin, Control Epidermis	(20)	(20)	(20)
Skin, Site Of Application	(20)	(20)	(20)
Keratoacanthoma			1 (5%)
Spindle Cell Carcinoma			3 (15%)
Spindle Cell Carcinoma, Multiple			1 (5%)
Squamous Cell Carcinoma			8 (40%)
Squamous Cell Carcinoma, Multiple			1 (5%)
Squamous Cell Papilloma	1 (5%)	2 (10%)	
Squamous Cell Papilloma, Multiple		14 (70%)	19 (95%)
Skin, Soa No Mass	(20)	(20)	(17)
<b>MUSCULOSKELETAL SYSTEM</b>			
None			
<b>NERVOUS SYSTEM</b>			
None			

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<b>RESPIRATORY SYSTEM</b>			
Lung	(20)	(20)	(20)
Alveolar/Bronchiolar Adenoma	1 (5%)	1 (5%)	
<b>SPECIAL SENSES SYSTEM</b>			
None			
<b>URINARY SYSTEM</b>			
Kidney	(0)	(0)	(2)
<b>SYSTEMIC LESIONS</b>			
Multiple Organs	*(20)	*(20)	*(20)
Leukemia Erythrocytic	1 (5%)	1 (5%)	
Myelodysplasia			2 (10%)

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

\* Number of animals with any tissue examined microscopically

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**Species/Strain: MICE/TG.AC HEMI**

**Lab: BAT**

**TGAC (FVB/N) HEMIZYGOUS MICE  
 FEMALE**

**0 NG/KG**

**121 NG/KG**

**760 NG/KG**

**Tumor Summary for Females**

<b>Total Animals with Primary Neoplasms (b)</b>	11	17	20
<b>Total Primary Neoplasms</b>	15	30	45
<b>Total Animals with Benign Neoplasms</b>	6	16	19
<b>Total Benign Neoplasms</b>	7	23	29
<b>Total Animals with Malignant Neoplasms</b>	2	1	12
<b>Total Malignant Neoplasms</b>	2	1	14
<b>Total Animals with Metastatic Neoplasms</b>			1
<b>Total Metastatic Neoplasms</b>			1
<b>Total Animals with Malignant Neoplasms              Uncertain Primary Site</b>			
<b>Total Animals with Neoplasms              Uncertain-Benign or Malignant</b>	6	6	2
<b>Total Uncertain Neoplasms</b>	6	6	2

\*\*\* 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