

TDMS No. 20201 - 01
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: MICE/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
TEF TRANSGENICS (TCDD)
CAS Number: 1746-01-6

Date Report Reqsted: 06/14/2006
Time Report Reqsted: 13:12:56
First Dose M/F: NA / 04/21/03
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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DAY ON TEST	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1
	8	8	8	8	8	8	8	6	8	8	8	7	8	8	8	8	8	8	8	8
	7	3	5	5	6	6	5	5	6	3	5	4	7	1	3	4	6	6	4	4
TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 NG/KG	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
																				* TOTALS

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary + 1

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric + 1

Spleen Hematopoietic Cell Proliferation + 20 3 1.3

Thymus Atrophy + 20 3 2.7

INTEGUMENTARY SYSTEM

Skin Fibrosis + + + 4 1 2.0
 Hyperplasia, Squamous 3 1 1 2 4 1.8
 Inflammation, Chronic Active 2 1 1 1 3 1.3
 Ulcer 1 1 1.0

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	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1
DAY ON TEST	8	8	8	8	8	8	8	6	8	8	8	7	8	8	8	8	8	8	8	8	8
	7	3	5	5	6	6	5	5	6	3	5	4	7	1	3	4	6	6	4	4	4
.....																					
TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 NG/KG	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2
ANIMAL ID	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
																					* TOTALS

SPECIAL SENSES SYSTEM
 NONE

URINARY SYSTEM
 NONE

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	8	8	8	2	8	1	8	5	7	8	8	0	8	8	8	2	8	6	5	8
	3	3	3	2	3	0	7	0	2	3	3	2	4	4	3	3	3	3	7	6
TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
121 NG/KG	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
																				* TOTALS

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Fatty Change	1		1			1									1					4 1.0
Hematopoietic Cell Proliferation									2	1	1						1			4 1.3
Inflammation	2	2	1	1	1	1	1		1	1	1	1	1	1	1	1	2	1	2	19 1.2
Necrosis			2		2	1	1		1	2					1		1		2	9 1.4
Pigmentation	1	1	1						1	1	1			1			1		1	9 1.0
Stomach, Forestomach	+	+	+											+						4
Tooth Malformation									+	+				+	+		+	+		6 1

CARDIOVASCULAR SYSTEM

Heart Thrombosis																				1 1 3.0
																				3

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

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	8	8	8	2	8	1	8	5	7	8	8	0	8	8	8	2	8	6	5	8
	3	3	3	2	3	0	7	0	2	3	3	2	4	4	3	3	3	3	7	6
TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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
121 NG/KG	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
																				* TOTALS

Fibrosis																				2	1 2.0
Hyperplasia, Squamous	4	3	4		4	4		1	4	2	3		3		1	4		4			
Inflammation, Chronic Active	3	3	2		3	2	2	2	2	2	2		3	2	2	2	2	2		2	
																					13 3.2
																					17 2.2
Skin, Soa No Mass	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia, Mast Cell																					20
Hyperplasia, Squamous																				2	1 2.0
Inflammation, Chronic Active	1	1		1	1		1	2		1								1			
Ulcer																				1	6 1.2
																					8 1.3
																					1 1.0

MUSCULOSKELETAL SYSTEM
 NONE

NERVOUS SYSTEM
 NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Alveolus, Infiltration Cellular, Histiocyte	1																		1		
Interstitial, Inflammation																				2	2 1.0
Perivascular, Infiltration Cellular, Mixed Cell																				1	1 2.0
Perivascular, Inflammation		1	1																		
Serosa, Inflammation, Chronic Active																				1	1 1.0
																				1	2 1.0
																				1	4 1.0

SPECIAL SENSES SYSTEM

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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
DAY ON TEST	8	8	8	2	8	1	8	5	7	8	8	0	8	8	8	2	8	6	5	8
	3	3	3	2	3	0	7	0	2	3	3	2	4	4	3	3	3	3	7	6
.....																				
TGAC (FVB/N) HEMIZYGOUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MICE FEMALE	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
ANIMAL ID	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2
121 NG/KG	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
																				* TOTALS

NONE

URINARY SYSTEM

NONE

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	8	2	8	8	2	5	8	4	8	8	5	8	8	9	8	5	8	8	5	8
	5	9	3	5	2	1	4	3	5	4	5	7	3	7	4	5	4	5	6	4
TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
760 NG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
	* TOTALS																			

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Fatty Change							1		1	1	1	1				1	1			8 1.0
Hematopoietic Cell Proliferation	1			3	1					1	1					1	1			7 1.3
Inflammation	1	2	1		1	1	1	2	1	1	2	1	1		2	1	2	2	2	1
Myelodysplasia											2					2				2 2.0
Necrosis		2				2		1	1		1	1	1	3	1	1	1	1	1	13 1.3
Pigmentation	1	2	1			1	1	2	1	1	2	1	2		2		1	1	1	15 1.3
Tension Lipidosis				3																1 3.0
Centrilobular, Vacuolization Cytoplasmic Hepatocyte, Degeneration			2																	1 2.0
		1	2	2	1															4 1.5
Mesentery														+						1
Fat, Necrosis														3						1 3.0
Stomach, Forestomach	+	+									+				+		+			5
Hyperplasia	3														2					2 2.5
Stomach, Glandular																		+		1
Glands, Hyperplasia																		2		1 2.0
Tooth								+							+					2

CARDIOVASCULAR SYSTEM

Heart																				1
Inflammation, Chronic Active							+													1 2.0

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	8	2	8	8	2	5	8	4	8	8	5	8	8	9	8	5	8	8	5	8
	5	9	3	5	2	1	4	3	5	4	5	7	3	7	4	5	4	5	6	4
TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
760 NG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
	* TOTALS																			

Thrombosis 3 1 3.0

ENDOCRINE SYSTEM

Adrenal Cortex + 1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Lymph Node + 1

Lymph Node, Mandibular Hyperplasia, Lymphoid + 2 + 3 2 2.5

Spleen Hematopoietic Cell Proliferation Myelodysplasia + + + + + + + + + + + + + + + + + + 20 3 1 4 3 2 2 1 2 1 2 3 3 11 2.3 2 2.0

Thymus Atrophy + + + + + + + + + M + + + + + + + + + + 19 3 3 4 1 1 5 2.4

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	8	2	8	8	2	5	8	4	8	8	5	8	8	9	8	5	8	8	5	8
	5	9	3	5	2	1	4	3	5	4	5	7	3	7	4	5	4	5	6	4
TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
760 NG/KG	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
	* TOTALS																			

INTEGUMENTARY SYSTEM

Skin																					6	
Cyst Epithelial Inclusion																						1
Inflammation, Chronic Active																						4 2.5
Skin, Control Dermis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Inflammation, Chronic Active					1					1	1								1			4 1.0
Skin, Control Epidermis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Skin, Site Of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Hyperkeratosis																						1 1.0
Hyperplasia, Squamous																						14 2.5
Inflammation, Chronic Active	2	2	2	2	2	3	3	1	3	3	3	2	3	3	3	2	3	2	3	2	20 2.5	
Skin, Soa No Mass	+	+	+	+	+	+			+	+		+	+	+	+	+			+	+	17	
Hyperplasia, Squamous	1	2		1			1			2		1			2	1	1			1	10 1.3	
Inflammation, Granulomatous																						1 1.0
Inflammation, Chronic Active	2	1	1	2		1	1			2	2				2	3	1		1	1	13 1.5	

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

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	8	2	8	8	2	5	8	4	8	8	5	8	8	9	8	5	8	8	5	8
	5	9	3	5	2	1	4	3	5	4	5	7	3	7	4	5	4	5	6	4
TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
760 NG/KG	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
																				* TOTALS

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20		
Alveolar Epithelium, Hyperplasia				2																		1	2.0
Alveolus, Infiltration Cellular, Histiocyte										3												1	3.0
Bronchiole, Inflammation				1					1													2	1.0
Interstitial, Inflammation							2	3				1										3	2.0
Perivascular, Inflammation				1											1							2	1.0
Serosa, Inflammation, Chronic Active		1		1				2		3												4	1.8

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney				+		+															2		
Renal Tubule, Dilatation							2															1	2.0
Renal Tubule, Vacuolization Cytoplasmic							1															1	1.0

*** END OF REPORT ***

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