

Experiment Number: 97011-20
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/FVB/N

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Test Compound: Transgenic model evaluation (DES)

CAS Number: 56-53-1

Date Report Requested: 10/21/2014

Time Report Requested: 17:33:34

First Dose M/F: NA / NA

Lab: BAT

C Number:	C97011H
Lock Date:	01/05/2001
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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FVB/N Mouse MALE	0 UG/KG	480 UG/KG
Disposition Summary		
Animals Initially In Study	15	15
Early Deaths		
Survivors		
Terminal Sacrifice	15	15
Animals Examined Microscopically	15	15
ALIMENTARY SYSTEM		
Liver	(15)	(15)
Hepatodiaphragmatic Nodule		1
Inflammation, Granulomatous	1 [1.0]	1 [1.0]
Vacuolization Cytoplasmic, Diffuse	1 [2.0]	4 [2.8]
Pancreas	(1)	(0)
Stomach, Forestomach	(15)	(15)
Epithelium, Hyperplasia, Diffuse	3 [1.0]	4 [1.0]
CARDIOVASCULAR SYSTEM		
Heart	(15)	(15)
ENDOCRINE SYSTEM		
Adrenal Cortex	(15)	(15)
Hyperplasia, Focal	2 [1.5]	
Hypertrophy, Focal	3 [1.3]	2 [1.0]
Adrenal Medulla	(15)	(15)
Islets, Pancreatic	(1)	(0)
Pituitary Gland	(15)	(15)
Thyroid Gland	(15)	(15)
GENERAL BODY SYSTEM		
Tissue NOS	(0)	(1)
Cyst		1 [3.0]

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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GENITAL SYSTEM		
Epididymis	(15)	(15)
Degeneration	2 [3.0]	2 [2.5]
Prostate	(15)	(15)
Epithelium, Cytoplasmic Alteration	3 [1.0]	15 [1.6]
Seminal Vesicle	(15)	(15)
Testes	(15)	(15)
Germinal Epith, Atrophy	2 [3.0]	2 [2.5]
Interstitial Cell, Hyperplasia	2 [1.5]	2 [2.0]
Rete Testes, Cyst		1 [3.0]
HEMATOPOIETIC SYSTEM		
Lymph Node	(13)	(15)
Lymph Node, Mandibular	(14)	(15)
Hyperplasia, Lymphoid	2 [3.0]	2 [3.0]
Lymph Node, Mesenteric	(15)	(15)
Spleen	(15)	(15)
Hematopoietic Cell Proliferation		1 [2.0]
Thymus	(15)	(15)
INTEGUMENTARY SYSTEM		
Mammary Gland	(0)	(5)
Skin	(15)	(15)
MUSCULOSKELETAL SYSTEM		
None		
NERVOUS SYSTEM		
None		
RESPIRATORY SYSTEM		
Lung	(15)	(15)

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

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Lab: BAT

FVB/N Mouse MALE	0 UG/KG	480 UG/KG
Lung	(15)	(15)
Alveolar Epith, Hyperplasia, Focal	2 [2.0]	
Inflammation, Chronic Active, Focal	3 [1.0]	2 [1.0]
Metaplasia, Osseous		1 [1.0]
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Kidney	(15)	(15)
Casts Protein		1 [1.0]
Hydronephrosis		1 [1.0]
Infarct	1 [2.0]	
Nephropathy	2 [1.0]	

END OF MALE DATA

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 Lab: BAT

FVB/N Mouse FEMALE	0 UG/KG	480 UG/KG
Disposition Summary		
Animals Initially In Study	15	15
Early Deaths		
Dosing Accident	1	
Natural Death		1
Survivors		
Terminal Sacrifice	14	14
Animals Examined Microscopically	15	15
ALIMENTARY SYSTEM		
Esophagus	(1)	(0)
Muscularis, Inflammation, Chronic Perforation	1 [2.0]	
Liver	(15)	(15)
Inflammation, Granulomatous	13 [1.0]	9 [1.0]
Vacuolization Cytoplasmic, Diffuse	1 [3.0]	3 [2.3]
Mesentery	(1)	(0)
Stomach, Forestomach	(15)	(15)
Epithelium, Hyperplasia, Diffuse	6 [1.3]	4 [1.8]
CARDIOVASCULAR SYSTEM		
Heart	(15)	(15)
ENDOCRINE SYSTEM		
Adrenal Cortex	(15)	(15)
Adrenal Medulla	(15)	(15)
Pituitary Gland	(15)	(15)
Cyst	1 [1.0]	
Pars Distalis, Hyperplasia	1 [1.0]	
Thyroid Gland	(15)	(15)

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Lab: BAT

FVB/N Mouse FEMALE	0 UG/KG	480 UG/KG
<hr/>		
GENERAL BODY SYSTEM		
None		
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GENITAL SYSTEM		
Ovary	(15)	(15)
Corpus Luteum, Hyperplasia	5 [1.8]	15 [2.1]
Cyst	1 [1.0]	3 [1.3]
Uterus	(15)	(15)
Endometrium, Hyperplasia, Cystic	6 [1.5]	12 [1.3]
<hr/>		
HEMATOPOIETIC SYSTEM		
Lymph Node	(15)	(14)
Lymph Node, Mandibular	(15)	(15)
Hyperplasia, Lymphoid	2 [2.5]	1 [3.0]
Lymph Node, Mesenteric	(15)	(15)
Spleen	(15)	(15)
Hematopoietic Cell Proliferation	3 [1.7]	
Thymus	(15)	(15)
Atrophy	1 [1.0]	2 [3.0]
<hr/>		
INTEGUMENTARY SYSTEM		
Mammary Gland	(15)	(15)
Skin	(15)	(15)
<hr/>		
MUSCULOSKELETAL SYSTEM		
None		
<hr/>		
NERVOUS SYSTEM		
None		
<hr/>		
RESPIRATORY SYSTEM		
Lung	(15)	(15)

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Lab: BAT

FVB/N Mouse FEMALE	0 UG/KG	480 UG/KG
Alveolar Epith, Hyperplasia, Focal		1 [1.0]
Inflammation, Chronic Active, Focal	1 [1.0]	3 [1.0]
Serosa, Inflammation, Chronic Active	1 [3.0]	
<hr/>		
SPECIAL SENSES SYSTEM		
Eye	(1)	(0)
<hr/>		
URINARY SYSTEM		
Kidney	(15)	(15)
Casts Protein		2 [1.0]
Nephropathy	3 [1.0]	
Renal Tubule, Hyperplasia, Focal	1 [2.0]	

**** END OF REPORT ****

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b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)