

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

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**

**Test Compound:** Transgenic model evaluation (DES)

**CAS Number:** 56-53-1

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 17:34:07

**First Dose M/F:** NA / NA

**Lab:** BAT

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

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FVB/N Mouse MALE	0 UG/KG	480 UG/KG
<b>Disposition Summary</b>		
Animals Initially In Study	15	15
Early Deaths		
Survivors		
Terminal Sacrifice	15	15
Animals Examined Microscopically	15	15
<b>ALIMENTARY SYSTEM</b>		
Liver	(15)	(15)
Hepatodiaphragmatic Nodule		1 (7%)
Inflammation, Granulomatous	1 (7%)	1 (7%)
Vacuolization Cytoplasmic, Diffuse	1 (7%)	4 (27%)
Pancreas	(1)	(0)
Stomach, Forestomach	(15)	(15)
Epithelium, Hyperplasia, Diffuse	3 (20%)	4 (27%)
<b>CARDIOVASCULAR SYSTEM</b>		
Heart	(15)	(15)
<b>ENDOCRINE SYSTEM</b>		
Adrenal Cortex	(15)	(15)
Hyperplasia, Focal	2 (13%)	
Hypertrophy, Focal	3 (20%)	2 (13%)
Adrenal Medulla	(15)	(15)
Islets, Pancreatic	(1)	(0)
Pituitary Gland	(15)	(15)
Thyroid Gland	(15)	(15)
<b>GENERAL BODY SYSTEM</b>		
Tissue NOS	(0)	(1)
Cyst		1 (100%)

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

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<b>GENITAL SYSTEM</b>		
Epididymis	(15)	(15)
Degeneration	2 (13%)	2 (13%)
Prostate	(15)	(15)
Epithelium, Cytoplasmic Alteration	3 (20%)	15 (100%)
Seminal Vesicle	(15)	(15)
Testes	(15)	(15)
Germinal Epith, Atrophy	2 (13%)	2 (13%)
Interstitial Cell, Hyperplasia	2 (13%)	2 (13%)
Rete Testes, Cyst		1 (7%)
<b>HEMATOPOIETIC SYSTEM</b>		
Lymph Node	(13)	(15)
Lymph Node, Mandibular	(14)	(15)
Hyperplasia, Lymphoid	2 (14%)	2 (13%)
Lymph Node, Mesenteric	(15)	(15)
Spleen	(15)	(15)
Hematopoietic Cell Proliferation		1 (7%)
Thymus	(15)	(15)
<b>INTEGUMENTARY SYSTEM</b>		
Mammary Gland	(0)	(5)
Skin	(15)	(15)
<b>MUSCULOSKELETAL SYSTEM</b>		
None		
<b>NERVOUS SYSTEM</b>		
None		
<b>RESPIRATORY SYSTEM</b>		
Lung	(15)	(15)

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<b>FVB/N Mouse MALE</b>	<b>0 UG/KG</b>	<b>480 UG/KG</b>
Alveolar Epith, Hyperplasia, Focal	2 (13%)	
Inflammation, Chronic Active, Focal	3 (20%)	2 (13%)
Metaplasia, Osseous		1 (7%)

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SPECIAL SENSES SYSTEM

None

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URINARY SYSTEM

Kidney	(15)	(15)
Casts Protein		1 (7%)
Hydronephrosis		1 (7%)
Infarct	1 (7%)	
Nephropathy	2 (13%)	

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\*\*\*END OF MALE DATA\*\*\*

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FVB/N Mouse FEMALE	0 UG/KG	480 UG/KG
<b>Disposition Summary</b>		
<b>Animals Initially In Study</b>	<b>15</b>	<b>15</b>
<b>Early Deaths</b>		
<b>Dosing Accident</b>	<b>1</b>	
<b>Natural Death</b>		<b>1</b>
<b>Survivors</b>		
<b>Terminal Sacrifice</b>	<b>14</b>	<b>14</b>
<b>Animals Examined Microscopically</b>	<b>15</b>	<b>15</b>
<b>ALIMENTARY SYSTEM</b>		
Esophagus	(1)	(0)
Muscularis, Inflammation, Chronic	1 (100%)	
Perforation	1 (100%)	
Liver	(15)	(15)
Inflammation, Granulomatous	13 (87%)	9 (60%)
Vacuolization Cytoplasmic, Diffuse	1 (7%)	3 (20%)
Mesentery	(1)	(0)
Stomach, Forestomach	(15)	(15)
Epithelium, Hyperplasia, Diffuse	6 (40%)	4 (27%)
<b>CARDIOVASCULAR SYSTEM</b>		
Heart	(15)	(15)
<b>ENDOCRINE SYSTEM</b>		
Adrenal Cortex	(15)	(15)
Adrenal Medulla	(15)	(15)
Pituitary Gland	(15)	(15)
Cyst	1 (7%)	
Pars Distalis, Hyperplasia	1 (7%)	
Thyroid Gland	(15)	(15)
<b>GENERAL BODY SYSTEM</b>		

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<hr/>		
None		
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GENITAL SYSTEM		
Ovary	(15)	(15)
Corpus Luteum, Hyperplasia	5 (33%)	15 (100%)
Cyst	1 (7%)	3 (20%)
Uterus	(15)	(15)
Endometrium, Hyperplasia, Cystic	6 (40%)	12 (80%)
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HEMATOPOIETIC SYSTEM		
Lymph Node	(15)	(14)
Lymph Node, Mandibular	(15)	(15)
Hyperplasia, Lymphoid	2 (13%)	1 (7%)
Lymph Node, Mesenteric	(15)	(15)
Spleen	(15)	(15)
Hematopoietic Cell Proliferation	3 (20%)	
Thymus	(15)	(15)
Atrophy	1 (7%)	2 (13%)
<hr/>		
INTEGUMENTARY SYSTEM		
Mammary Gland	(15)	(15)
Skin	(15)	(15)
<hr/>		
MUSCULOSKELETAL SYSTEM		
<hr/>		
None		
<hr/>		
NERVOUS SYSTEM		
<hr/>		
None		
<hr/>		
RESPIRATORY SYSTEM		
Lung	(15)	(15)
Alveolar Epith, Hyperplasia, Focal		1 (7%)
Inflammation, Chronic Active, Focal	1 (7%)	3 (20%)

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<b>FVB/N Mouse FEMALE</b>	<b>0 UG/KG</b>	<b>480 UG/KG</b>
Serosa, Inflammation, Chronic Active	1 (7%)	
<b>SPECIAL SENSES SYSTEM</b>		
Eye	(1)	(0)
<b>URINARY SYSTEM</b>		
Kidney	(15)	(15)
Casts Protein		2 (13%)
Nephropathy	3 (20%)	
Renal Tubule, Hyperplasia, Focal	1 (7%)	

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

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