

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic model evaluation (DES)
CAS Number: 56-53-1

Date Report Requested: 10/21/2014
Time Report Requested: 17:35:52
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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 Lab: BAT

FVB/N Mouse Male
0 UG/KG

DAY ON TEST	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
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
ANIMAL ID	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
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
	*TOTALS															

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Inflammation, Granulomatous	1																1	1.0
Vacuolization Cytoplasmic, Diffuse								2									1	2.0
Pancreas													+				1	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Epithelium, Hyperplasia, Diffuse								1		1	1						3	1.0

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
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Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Hyperplasia, Focal	1			2													2	1.5
Hypertrophy, Focal							2			1	1						3	1.3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Islets, Pancreatic													+			1		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		

General Body System

NONE

Genital System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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Lab: BAT

FVB/N Mouse Male 0 UG/KG	DAY ON TEST																
	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		
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
ANIMAL ID	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		
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	*TOTALS	
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Degeneration				3											3	2 3.0	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Epithelium, Cytoplasmic Alteration				1			1					1				3 1.0	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Germinal Epith, Atrophy				3											3	2 3.0	
Interstitial Cell, Hyperplasia				2											1	2 1.5	
Hematopoietic System																	
Lymph Node	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	13	
Lymph Node, Mandibular	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	14	
Hyperplasia, Lymphoid								3			3					2 3.0	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Integumentary System																	
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Musculoskeletal System																	
NONE																	
Nervous System																	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
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Lab: BAT

FVB/N Mouse Male
0 UG/KG

DAY ON TEST	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
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
ANIMAL ID	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
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
	*TOTALS															

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Alveolar Epith, Hyperplasia, Focal	2				2											2 2.0
Inflammation, Chronic Active, Focal				1						1		1				3 1.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Infarct													2			1 2.0
Nephropathy	1									1						2 1.0

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FVB/N Mouse Male 480 UG/KG	DAY ON TEST	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
		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	ANIMAL ID	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
		4	4	4	4	5	5	5	5	5	5	5	5	5	6	6
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
		*TOTALS														

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hepatodiaphragmatic Nodule										X						1
Inflammation, Granulomatous														1		1 1.0
Vacuolization Cytoplasmic, Diffuse										3		3	2	3		4 2.8
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Epithelium, Hyperplasia, Diffuse			1			1				1			1			4 1.0

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
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Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hypertrophy, Focal								1						1		2 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

General Body System

Tissue NOS	+															1
Cyst	3															1 3.0

Genital System

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

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FVB/N Mouse Male 480 UG/KG	DAY ON TEST															*TOTALS	
	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		
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
	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		
	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6		
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		
Degeneration				2											3	2	2.5
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Epithelium, Cytoplasmic Alteration	1	1	1	2	2	1	2	2	2	1	1	2	2	2		15	1.6
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Germinal Epith, Atrophy				2											3	2	2.5
Interstitial Cell, Hyperplasia				2											2	2	2.0
Rete Testes, Cyst				3												1	3.0
Hematopoietic System																	
Lymph Node	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hyperplasia, Lymphoid								3						3		2	3.0
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hematopoietic Cell Proliferation								2								1	2.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Integumentary System																	
Mammary Gland	+	M	+	+	+	M	M	M	M	M	M	+	M	M	M	5	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Musculoskeletal System																	
NONE																	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

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 First Dose M/F: NA / NA
 Lab: BAT

FVB/N Mouse Male
480 UG/KG

DAY ON TEST	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
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
ANIMAL ID	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
	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
	*TOTALS														

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Inflammation, Chronic Active, Focal	1															1	2	1.0
Metaplasia, Osseous																1	1	1.0

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Casts Protein																1	1	1.0
Hydronephrosis																1	1	1.0

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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Lab: BAT

FVB/N Mouse Female 0 UG/KG	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*TOTALS
		1	1	1	1	1	1	1	1	1	1	1	1	1	0		
		8	8	8	8	8	8	8	8	8	8	8	8	8	0		
		6	6	6	6	6	6	6	6	6	6	6	6	6	3		
	ANIMAL ID	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		
		6	6	6	6	6	6	6	6	7	7	7	7	7	7		
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

Alimentary System

Esophagus																	+	1		
Muscularis, Inflammation, Chronic																	2		1	2.0
Perforation																	X		1	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		15			
Inflammation, Granulomatous	1	1	1	1	1	1	1	1		1	1	1	1	1				13	1.0	
Vacuolization Cytoplasmic, Diffuse			3															1	3.0	
Mesentery											+						1			
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		15			
Epithelium, Hyperplasia, Diffuse	1		1	2	2					1	1							6	1.3	

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		15		
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Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		15		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		15		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		15		
Cyst			1															1	1.0
Pars Distalis, Hyperplasia						1												1	1.0
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		15		

General Body System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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Lab: BAT

FVB/N Mouse Female 0 UG/KG	DAY ON TEST	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	0
		8	8	8	8	8	8	8	8	8	8	8	8	8	8	0
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	3
	ANIMAL ID	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	
		6	6	6	6	6	6	6	6	7	7	7	7	7	7	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
		*TOTALS														

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Inflammation, Chronic Active, Focal					1											1 1.0
Serosa, Inflammation, Chronic Active														3		1 3.0

Special Senses System

Eye															+	1
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Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Nephropathy	1				1										1	3 1.0
Renal Tubule, Hyperplasia, Focal										2						1 2.0

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Lab: BAT

FVB/N Mouse Female 480 UG/KG	DAY ON TEST	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
		8	8	8	8	8	8	8	8	8	1	8	8	8	8	8
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	ANIMAL ID	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
		7	7	7	7	8	8	8	8	8	8	8	8	8	8	9
		6	7	8	9	0	1	2	3	4	5	6	7	8	8	9
		*TOTALS														

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Inflammation, Granulomatous	1	1		1			1	1			1	1	1		1		9	1.0
Vacuolization Cytoplasmic, Diffuse					3				2				2			3	2.3	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Epithelium, Hyperplasia, Diffuse						3	2					1	1			4	1.8	

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	--	--

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		

General Body System

NONE																		
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Genital System

Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Corpus Luteum, Hyperplasia	2	2	2	1	3	1	1	2	3	2	2	2	3	3	2	15	2.1	
Cyst		1	2									1				3	1.3	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (DES)
 CAS Number: 56-53-1

Date Report Requested: 10/21/2014
 Time Report Requested: 17:35:53
 First Dose M/F: NA / NA
 Lab: BAT

FVB/N Mouse Female 480 UG/KG	DAY ON TEST																		
	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	*TOTALS			
Endometrium, Hyperplasia, Cystic	2		1	1	1	2	2	1	1		2	1		1	1	12	1.3		
Hematopoietic System																			
Lymph Node	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	14			
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15			
Hyperplasia, Lymphoid																1	3.0		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15			
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15			
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15			
Atrophy																2	3.0		
Integumentary System																			
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15			
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15			
Musculoskeletal System																			
NONE																			
Nervous System																			
NONE																			
Respiratory System																			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15			
Alveolar Epith, Hyperplasia, Focal																1	1.0		
Inflammation, Chronic Active, Focal																1	1	3	1.0

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Test Compound: Transgenic model evaluation (DES)

CAS Number: 56-53-1

Date Report Requested: 10/21/2014

Time Report Requested: 17:35:53

First Dose M/F: NA / NA

Lab: BAT

FVB/N Mouse Female
480 UG/KG

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*TOTALS
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	8	8	8	8	1	8	8	8	8	8	8	
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	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	
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	9	
	6	7	8	9	0	1	2	3	4	5	6	7	8	8	9	0	

Special Senses System

NONE

Urinary System

Kidney

+ + + + + + + + + + + + + + 15

Casts Protein

1 1 2 1.0

** END OF REPORT **

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