

**Experiment Number:** 99930-96  
**Test Type:** SPECIAL STUDY  
**Route:** DOSED FEED  
**Species/Strain:** Rat/CD

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Endocrine disruptor (Genistein)  
**CAS Number:** 446-72-0

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 04:28:59  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

<b>C Number:</b>	MG96005
<b>Lock Date:</b>	Not Entered.
<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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Date Report Requested: 10/19/2014  
 Time Report Requested: 04:29:00  
 First Dose M/F: NA / NA  
 Lab: NCTR

**CD Rat Male  
 F3/5PPM TO CTL**

	DAY ON TEST																								*TOTALS	
	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	1	1	1	1		
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	19	1.2
	1	1	1	1	1	1	1	2	1	2	2	2	2	1	0	1	2	1	1	0	0	0	0	0	4	1.0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	25	
	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	2	3.0
	4	5	6	7	8	9	0	7	8	4	4	4	4	4	5	6	9	9	9	9	9	9	9	9	25	
	4	5	6	7	8	9	0	7	8	4	4	4	4	4	5	6	9	9	9	9	9	9	9	9	1	4.0
	4	5	6	7	8	9	0	7	8	4	4	4	4	4	5	6	9	9	9	9	9	9	9	9	24	
	4	5	6	7	8	9	0	7	8	4	4	4	4	4	5	6	9	9	9	9	9	9	9	9	1	4.0
Inflammation, Chronic	1		1			1		1	1	1	1	1	1	1	1	2	1	1	2	2	1		1	1	19	1.2
Inflammation, Suppurative												1					1		1				1		4	1.0
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Dilatation														4					2						2	3.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Lymphatic, Ectasia																			4						1	4.0
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	24	
Seminif Tub, Degeneration															4										1	4.0
<b>Hematopoietic System</b>																										
NONE																										
<b>Integumentary System</b>																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Alveolus, Hyperplasia	1	1																							2	1.0
<b>Musculoskeletal System</b>																										
Bone, Vertebra																									1	
Malformation																										1
<b>Nervous System</b>																										
NONE																										
<b>Respiratory System</b>																										
NONE																										

\* ..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: NCTR

**CD Rat Male  
 F3/100PPM TO CTL**

DAY ON TEST	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	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	1	1	1	0	0	0	2	1	1	1	1	1	1	1	2	2	1	1	2	2	1	1	1	1	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	
	8	8	8	8	8	8	9	0	0	0	0	0	0	0	5	5	5	5	9	9	9	9	0	0	0
	1	2	3	4	5	6	9	0	1	2	3	4	5	6	1	2	3	4	6	7	8	9	0	1	2
	<b>*TOTALS</b>																								

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25			
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25			
Prostate										+						+									3			
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25			
Inflammation, Chronic	1				2	1													1						2	6	1.5	
Inflammation, Suppurative			1		2		2												1	1	2		1		1	3	10	1.6
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25			
Inflammation, Chronic					1		1		1	1					2	1		2	1	2	1	2	2	1	2	2	17	1.5
Inflammation, Suppurative					1														1						2		5	1.4
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25			
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25			

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**CD Rat Male  
 F3/500PPM TO CTL**

	DAY ON TEST																								
	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	1	1	1	1	*TOTALS
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Prostate, Dorsal Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Inflammation, Chronic					1			1						1				1	1			1		7 1.0	
Inflammation, Suppurative																		1			1			2 1.0	
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Inflammation, Chronic	1	1		1	1		2	1		1	2	1	1		1	2	1	2	1	1	2	1	2	19 1.3	
Inflammation, Suppurative											1				1			1						3 1.0	
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M +	24	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Dilatation																							2	1 2.0	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Semini Tub, Degeneration		1			1		1																	3 1.0	
<b>Hematopoietic System</b>																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Hyperplasia, Stromal			1												1									2 1.0	
Pigmentation											2			1	1			1						4 1.3	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
<b>Integumentary System</b>																									
Mammary Gland	+	+	I	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	23	
Alveolus, Hyperplasia				1							2				1			3						4 1.8	
Duct, Hyperplasia										1				1			2			1				4 1.3	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	

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 F3/500PPM TO CTL**

DAY ON TEST	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	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	2	1	1	1	1	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	
	8	8	8	8	8	8	0	0	0	1	1	1	1	5	5	5	5	5	6	0	0	0	0	4	4
	7	8	9	0	1	2	7	8	9	0	1	2	3	5	6	7	8	9	0	3	4	5	6	7	
	<b>*TOTALS</b>																								

**Musculoskeletal System**

Bone, Femur + 25

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

Kidney + 25

Capsule, Fat, Cyst X 1

Casts Protein 1 1.0

Inflammation, Chronic 18 1.0

Pelvis, Dilatation 2 1 2.0

Renal Tubule, Dilatation 1 1 1 1 2 2 4 1.5

Renal Tubule, Regeneration 13 1.0

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

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

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**CD Rat Female  
 F3 0 PPM**

DAY ON TEST	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	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	
	1	1	1	1	1	0	0	0	0	0	0	1	2	0	0	2	2	2	1	1	1	3	2	1	0	9
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	
	4	4	5	5	5	5	5	1	1	1	1	6	6	6	6	0	0	0	1	1	2	3	3	3	3	
	8	9	0	1	2	3	4	4	5	6	2	3	4	5	7	8	9	0	0	0	1	2	3	3	4	
																								<b>*TOTALS</b>		

**Alimentary System**

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Developmental Malformation						X																			1

**Cardiovascular System**

NONE

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Hyperplasia, Focal		1																							1 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25

**General Body System**

NONE

**Genital System**

Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Diestrus							X	X						X	X	X					X	X			7
Estrus	X			X	X	X		X	X		X				X										9
Metestrus		X			X														X						3
Proestrus			X								X	X							X	X			X		6
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25

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**CD Rat Female**  
**F3 0 PPM**

	DAY ON TEST																									
	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	1	1	1	1		
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	0		
	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	7	7	7	7	7	7	7	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9		
	4	4	5	5	5	5	5	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0		
	8	9	0	1	2	3	4	4	5	6	6	7	8	8	9	9	9	9	9	9	9	9	9	9		
																									*TOTALS	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
Decidual Reaction	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	23		
Diestrus								X	X						X	X	X				X	X		7		
Endometrium, Hyperplasia, Cystic																						4		1 4.0		
Estrus	X			X	X		X		X	X		X			X						X			10		
Metestrus		X				X														X				3		
Proestrus			X									X	X								X		X	5		
Vagina	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24		
Diestrus								X	X						X	X	X				X	X		7		
Estrus	X			X		X		X	X		X	X			X									7		
Metestrus		X			X							X								X				4		
Proestrus			X								X	X								X	X		X	6		
<b>Hematopoietic System</b>																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
<b>Integumentary System</b>																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
Alveolus, Hyperplasia			2	2	2	3	2	3		1	2						1	2		1				11 1.9		
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
<b>Musculoskeletal System</b>																										

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Lab: NCTR

CD Rat Female  
F3/5PPM TO CTL

DAY ON TEST	ANIMAL ID																								*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Decidual Reaction	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	
Diestrus																							X	2	
Estrus					X	X				X				X							X	X		6	
Metestrus		X	X								X	X		X			X	X	X	X			X	10	
Proestrus	X			X			X	X	X		X					X								7	
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Diestrus																							X	2	
Estrus					X	X				X	X			X		X					X	X		8	
Metestrus		X	X								X	X		X			X	X	X	X			X	10	
Proestrus	X			X			X	X	X															5	
<b>Hematopoietic System</b>																									
Bone Marrow				+																				1	
Spleen				+																				1	
Thymus				+																				1	
<b>Integumentary System</b>																									
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Alveolus, Hyperplasia	1	3		4	3	1	3		3					1			1	3		1		2		12 2.2	
Lobules, Hyperplasia				4			1							1			2							4 2.0	
Skin				+																				1	
<b>Musculoskeletal System</b>																									
Bone, Femur				+																				1	

\* ..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: 99930-96  
 Test Type: SPECIAL STUDY  
 Route: DOSED FEED  
 Species/Strain: Rat/CD

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Endocrine disruptor (Genistein)  
 CAS Number: 446-72-0

Date Report Requested: 10/19/2014  
 Time Report Requested: 04:29:02  
 First Dose M/F: NA / NA  
 Lab: NCTR

**CD Rat Female  
 F3/100PPM TO CTL**

DAY ON TEST	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	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	1	1	0	0	0	0	0	2	1	0	0	0	0	2	1	1	1	1	0	0	2	2	1	1	1
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9
	5	5	6	6	6	6	6	2	2	2	2	2	2	7	7	7	7	7	7	7	2	2	2	2	2
	8	9	0	1	2	3	4	1	2	3	4	5	6	2	3	4	5	6	7	8	0	1	2	3	4
																								<b>*TOTALS</b>	

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Diestrus			X		X	X			X				X		X	X			X	X					9
Estrus									X	X	X														3
Metestrus				X									X			X		X							4
Proestrus	X	X					X	X				X					X				X	X	X		9
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Decidual Reaction	X	X	X	X	X	X			X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	22
Diestrus				X		X	X		X					X		X	X			X	X				9
Estrus									X	X	X														3
Metestrus				X									X			X		X							4

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Experiment Number: 99930-96  
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 Lab: NCTR

**CD Rat Female  
 F3/100PPM TO CTL**

	DAY ON TEST																									
	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	1	1	1	1	*TOTALS	
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9		
	5	5	6	6	6	6	6	2	2	2	2	2	2	7	7	7	7	7	7	7	2	2	2	2		
	8	9	0	1	2	3	4	1	2	3	4	5	6	2	3	4	5	6	7	8	0	1	2	3	4	
Proestrus	X	X					X	X					X					X				X	X	X	9	
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Diestrus			X		X	X			X					X		X	X				X	X			9	
Estrus	X						X	X		X	X	X						X							7	
Metestrus				X											X			X		X					4	
Proestrus		X										X										X	X	X	5	
<b>Hematopoietic System</b>																										
NONE																										
<b>Integumentary System</b>																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Alveolus, Hyperplasia		2		3				1			2		1	1	2	2			1			2	1	11 1.6		
<b>Musculoskeletal System</b>																										
NONE																										
<b>Nervous System</b>																										
NONE																										
<b>Respiratory System</b>																										
NONE																										
<b>Special Senses System</b>																										
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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Experiment Number: 99930-96  
 Test Type: SPECIAL STUDY  
 Route: DOSED FEED  
 Species/Strain: Rat/CD

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Endocrine disruptor (Genistein)  
 CAS Number: 446-72-0

Date Report Requested: 10/19/2014  
 Time Report Requested: 04:29:03  
 First Dose M/F: NA / NA  
 Lab: NCTR

**CD Rat Female  
 F3/500PPM TO CTL**

	DAY ON TEST																									
	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	1	1	1	1		
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1		
	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		
	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9		
	6	6	6	6	6	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3		
	5	6	7	8	9	7	8	9	0	1	2	3	4	5	9	0	1	2	3	5	6	7	8	9		
																										<b>*TOTALS</b>
Decidual Reaction	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	25	
Diestrus		X	X				X			X	X						X	X					X	8		
Endometrium, Cyst																		X						1		
Estrus	X					X														X				3		
Metestrus								X	X			X	X		X	X			X				X	8		
Proestrus				X	X							X		X							X	X		6		
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
Diestrus		X	X				X			X	X								X				X	7		
Estrus	X				X	X							X							X				5		
Keratin Cyst		X																						1		
Metestrus							X	X			X	X		X	X		X	X				X	8			
Proestrus				X								X			X						X	X		5		
<b>Hematopoietic System</b>																										
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
<b>Integumentary System</b>																										
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
Alveolus, Hyperplasia	1	2		4		1	1	1							4			1	1	2	2		1	12		
Lobules, Hyperplasia				3								4			2									3		
Skin	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	24		

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 F3/500PPM TO CTL**

DAY ON TEST	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	1	1	1	1
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1	0	2	1	1	1	1	1
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9
	6	6	6	6	6	2	2	2	3	3	3	3	3	3	7	8	8	8	8	2	2	2	3	3
	5	6	7	8	9	7	8	9	0	1	2	3	4	5	9	0	1	2	3	5	6	7	8	9
	<b>*TOTALS</b>																							

**Musculoskeletal System**

Bone, Femur + 25

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

Kidney + 25

Bilateral, Pelvis, Dilatation 2 1 2.0

Inflammation, Chronic Active 1 1 1.0

Inflammation, Chronic Active, Focal 1 1 1.0

Mineralization 1 1 1 1 2 1 1 1 1 1 1 2 2 15 1.2

Renal Tubule, Cyst X 1

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

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