

Experiment Number: 99920-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:58:58
First Dose M/F: NA / NA
Lab: NCTR

C Number:	MG96006
Lock Date:	Not Entered.
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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Date Report Requested: 10/23/2014
 Time Report Requested: 12:58:58
 First Dose M/F: NA / NA
 Lab: NCTR

**CD Rat Male
 F4 CONTROL**

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	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	1	1	0	0	1	1	0	0	9	2	1	1	0	2	2	1	2	0	2	5	4	2	2	4
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
	6	6	6	6	0	0	0	0	0	4	4	4	5	5	8	9	9	9	9	2	2	2	3	
	1	2	3	4	4	5	6	7	8	7	8	9	0	1	9	0	2	3	4	1	2	3	4	
	*TOTALS																							

Alimentary System

Liver + 25

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex + 25
 Adrenal Medulla + 25
 Pituitary Gland + 25
 Thyroid Gland + 25

General Body System

NONE

Genital System

Coagulating Gland + 25
 Epididymis + 25
 Prostate, Dorsal/Lateral Lobe + 25
 Prostate, Ventral Lobe + 25
 Rete Testes + 25
 Seminal Vesicle + 25
 Testes + 25

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
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CD Rat Male F4 CONTROL	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	*TOTALS	
	ANIMAL ID	1	1	0	0	1	1	0	0	9	2	1	1	1	0	2	2	1	2	0	2	5	4	2	2		4
Hematopoietic System		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bone Marrow		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	
Spleen		6	6	6	6	6	6	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	25	
Thymus		1	1	0	0	1	1	0	0	9	2	1	1	1	0	2	2	1	2	0	2	5	4	2	2	4	25
Integumentary System		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Mammary Gland		0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	
Musculoskeletal System		9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1		
Bone		6	6	6	6	0	0	0	0	0	4	4	4	4	5	5	8	9	9	9	9	2	2	2	2	3	25
Nervous System		1	2	3	4	4	5	6	7	8	7	8	9	0	1	9	0	2	3	4	1	2	3	4	8		
NONE																											
Respiratory System																											
NONE																											
Special Senses System																											
NONE																											
Urinary System																											
Kidney																										25	
SYSTEMIC LESIONS																											
Multiple Organ																										25	

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CD Rat Male
F4/2PPB TO CTRL

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	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	1	1	5	5	4	0	4		
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
	6	6	6	6	6	7	0	1	1	1	1	5	5	5	5	5	9	9	9	9	2	2	2	2	3	
	5	6	7	8	9	0	9	0	1	1	2	3	2	3	4	5	6	5	6	7	8	5	6	7	8	9
																								*TOTALS		

Alimentary System

Liver + 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Preputial Gland				+																+						2
Prostate, Dorsal/Lateral Lobe	+		+	+	+	+	+	+		+		+	+	+			+	+	+				+	+		25
Prostate, Ventral Lobe	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Rete Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25

Hematopoietic System

NONE

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F4/2PPB TO CTRL

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	2	2	2	1	2	2	2	2	2	2	1	1	5	5	4	0	4
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	1	1	1
	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
	6	6	6	6	6	7	0	1	1	1	1	5	5	5	5	5	9	9	9	2	2	2	2	3
	5	6	7	8	9	0	9	0	1	1	2	3	2	3	4	5	6	5	6	7	8	5	6	9
	*TOTALS																							

Integumentary System

Mammary Gland + 25

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + 25

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 Lab: NCTR

CD Rat Male F4/10PPB TO CTRL	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	*TOTALS
	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	
Rete Testes		0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	26	
Seminal Vesicle		7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	26	
Testes		2	1	1	1	1	0	0	2	2	1	1	0	0	2	2	1	1	0	2	2	1	5	4	4	26	
Hematopoietic System		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bone Marrow		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	
Spleen		9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	
Thymus		1	7	7	7	7	7	1	1	1	1	1	1	1	5	5	5	6	6	9	0	0	0	2	3	3	
Integumentary System		4	1	2	3	4	5	6	4	5	6	7	8	9	7	8	9	0	1	9	0	1	2	9	0		
Mammary Gland		M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	
Skin		+																								1	
Musculoskeletal System																											
Bone		+																								1	
Nervous System																											
Brain		+																								1	
Spinal Cord		+																								1	
Respiratory System																											
Lung		+																								1	
Trachea		+																								1	
Special Senses System																											

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 Lab: NCTR

CD Rat Male F4/10PPB TO CTRL	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	*TOTALS			
	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
		7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6				
		2	1	1	1	1	0	0	2	2	1	1	0	0	2	2	1	1	0	2	2	2	1	5	4	4			
		0	0	0	0	0	0	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				
		9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1				
		1	7	7	7	7	7	1	1	1	1	1	1	1	5	5	5	6	6	9	0	0	0	2	3	3			
		4	1	2	3	4	5	6	4	5	6	7	8	9	7	8	9	0	1	9	0	0	0	2	9	0	1	2	
NONE																													
Urinary System																													
Kidney																											1		
Urinary Bladder																											1		
SYSTEMIC LESIONS																													
Multiple Organ																											26		

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 Lab: NCTR

CD Rat Male
F4/50PPB TO CTRL

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	1	1	1	1	2	1	1	1	1	1	2	2	1	1	0	3	2	1	1	1	4	2	0	
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1		
	7	7	7	8	8	8	2	2	2	2	2	2	6	6	6	6	0	0	0	0	0	0	3	3		
	7	8	9	0	1	2	0	1	2	2	3	4	5	2	3	4	5	6	3	4	5	6	7	3	4	5
																								*TOTALS		

Alimentary System

Liver + 25

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex + 25
 Adrenal Medulla + 25
 Pituitary Gland + 25
 Thyroid Gland + 25

General Body System

NONE

Genital System

Coagulating Gland + | 24
 Epididymis + 25
 Prostate, Dorsal/Lateral Lobe + 25
 Prostate, Ventral Lobe + 25
 Rete Testes + 25
 Seminal Vesicle + 25
 Testes + 25

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F4/50PPB TO CTRL

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	1	1	1	1	2	1	1	1	1	1	2	2	1	1	0	3	2	1	1	1	4	2	0
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	7	7	7	8	8	8	2	2	2	2	2	2	6	6	6	6	6	0	0	0	0	0	3	3	3
	7	8	9	0	1	2	0	1	2	3	4	5	2	3	4	5	6	3	4	5	6	7	3	4	5
	*TOTALS																								

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25

Integumentary System

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
---------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Musculoskeletal System

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
--------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
----------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

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Lab: NCTR

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

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 Lab: NCTR

**CD Rat Female
 F4 CONTROL**

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	5	6	6	6	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	1	1	0	0	9	0	0	0	9	9	0	0	0	0	0	0	0	0	0	2	2	2	5	4
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
	4	4	4	4	4	8	8	8	8	8	2	2	2	2	6	6	6	7	7	7	7	0	0	0
	0	1	2	3	4	3	4	5	6	7	6	7	8	9	7	8	9	0	1	2	8	9	0	0
																							*TOTALS	

Alimentary System

Liver + 25

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex + 25
 Adrenal Medulla + 25
 Pituitary Gland + 25
 Thyroid Gland + 25

General Body System

NONE

Genital System

Clitoral Gland + 3
 Ovary + 25
 Oviduct + 25
 Uterus + 25
 Vagina + 25

Hematopoietic System

Bone Marrow + 25

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 99920-95
 Test Type: SPECIAL STUDY
 Route: DOSED FEED
 Species/Strain: Rat/CD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
 CAS Number: 57-63-6

Date Report Requested: 10/23/2014
 Time Report Requested: 12:58:59
 First Dose M/F: NA / NA
 Lab: NCTR

CD Rat Female F4 CONTROL	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	*TOTALS
	ANIMAL ID	1	1	0	0	9	0	0	9	9	0	0	0	0	1	0	0	0	0	0	2	2	2	5	4	
Spleen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Thymus	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	25
Integumentary System	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
Mammary Gland	4	4	4	4	4	8	8	8	8	2	2	2	2	6	6	6	7	7	7	7	0	0	1	3	3	25
Musculoskeletal System	0	1	2	3	4	3	4	5	6	7	6	7	8	9	7	8	9	0	1	2	8	9	0	6	7	
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Nervous System																										
NONE																										
Respiratory System																										
NONE																										
Special Senses System																										
NONE																										
Urinary System																										
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
SYSTEMIC LESIONS																										
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 99920-95
 Test Type: SPECIAL STUDY
 Route: DOSED FEED
 Species/Strain: Rat/CD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
 CAS Number: 57-63-6

Date Report Requested: 10/23/2014
 Time Report Requested: 12:58:59
 First Dose M/F: NA / NA
 Lab: NCTR

**CD Rat Female
 F4/2PPB TO CTRL**

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	1	1	1	2	2	1	1	1	1	1	1	1	0	0	1	1	1	1	1	5	5	5	5
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	4	4	4	4	4	8	8	9	9	9	3	3	3	3	3	3	7	7	7	7	7	1	1	1	
	5	6	7	8	9	8	9	0	1	2	3	0	1	2	3	4	5	3	4	5	6	7	1	2	3

***TOTALS**

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25

Hematopoietic System

NONE

Integumentary System

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
---------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 99920-95

Test Type: SPECIAL STUDY

Route: DOSED FEED

Species/Strain: Rat/CD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014

Time Report Requested: 12:59:00

First Dose M/F: NA / NA

Lab: NCTR

CD Rat Female	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		
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1
F4/2PPB TO CTRL		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	2	2	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	5	5	
	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		9	9	9	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	
		4	4	4	4	4	8	8	9	9	9	9	9	3	3	3	3	3	7	7	7	7	7	7	7	
		5	6	7	8	9	8	9	0	1	2	3	0	1	2	3	4	5	3	4	5	6	7	1	3	
		*TOTALS																								
<p>NONE</p> <p>Nervous System</p> <p>NONE</p> <p>Respiratory System</p> <p>NONE</p> <p>Special Senses System</p> <p>NONE</p> <p>Urinary System</p> <p>Kidney</p> <p>SYSTEMIC LESIONS</p> <p>Multiple Organ</p>																										
																									25	
																									25	

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 99920-95
 Test Type: SPECIAL STUDY
 Route: DOSED FEED
 Species/Strain: Rat/CD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
 CAS Number: 57-63-6

Date Report Requested: 10/23/2014
 Time Report Requested: 12:59:00
 First Dose M/F: NA / NA
 Lab: NCTR

CD Rat Female F4/10PPB TO CTRL	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	
		9	6	6	6	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
		3	1	1	0	9	9	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1	1	5	4	4
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	9	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
	1	5	5	5	5	5	9	9	9	9	9	3	3	3	3	4	4	7	7	8	8	8	8	1	1	1	
	5	0	1	2	3	4	4	5	6	7	8	6	7	8	9	0	1	8	9	0	1	2	3	4	5	6	
		*TOTALS																									

Alimentary System

Esophagus	+																									1
Liver	+																									1
Lymphoma Malignant	X																									1
Pancreas	+																									1
Lymphoma Malignant	X																									1

Cardiovascular System

Blood Vessel	+																									1
Heart	+																									1

Endocrine System

Adrenal Cortex	+			+																						2
Adrenal Medulla	+			+																						2
Pituitary Gland	+																									1
Thyroid Gland	+																									1

General Body System

NONE

Genital System

Clitoral Gland	M																									0
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	26
Oviduct	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	26

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 99920-95
 Test Type: SPECIAL STUDY
 Route: DOSED FEED
 Species/Strain: Rat/CD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
 CAS Number: 57-63-6

Date Report Requested: 10/23/2014
 Time Report Requested: 12:59:00
 First Dose M/F: NA / NA
 Lab: NCTR

CD Rat Female F4/10PPB TO CTRL	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	*TOTALS
	ANIMAL ID	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Uterus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	
Vagina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	
Hematopoietic System																										
Bone Marrow	9	6	6	6	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	1	
Lymphoma Malignant	3	1	1	0	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
Lymph Node	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
Axillary, Lymphoma Malignant	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	1		
Lymph Node, Mandibular	1	5	5	5	5	5	9	9	9	9	9	3	3	3	4	4	7	7	8	8	8	8	1	1		
Lymphoma Malignant	5	0	1	2	3	4	4	5	6	7	8	6	7	8	9	0	1	8	9	0	1	2	3	1		
Spleen																								2		
Lymphoma Malignant																								1		
Thymus																								1		
Lymphoma Malignant																								1		
Integumentary System																										
Mammary Gland																								26		
Skin																								1		
Musculoskeletal System																										
Bone																								1		
Nervous System																										
Brain																								1		
Spinal Cord																								0		

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 99920-95

Test Type: SPECIAL STUDY

Route: DOSED FEED

Species/Strain: Rat/CD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014

Time Report Requested: 12:59:00

First Dose M/F: NA / NA

Lab: NCTR

CD Rat Female F4/10PPB TO CTRL	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	0	*TOTALS
	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	
Spinal Cord	M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Respiratory System																												
Lung	+																											1
Lymphoma Malignant	X																											1
Trachea	+																											1
Special Senses System																												
NONE																												
Urinary System																												
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	26
Lymphoma Malignant	X																											1
Urinary Bladder	M																											0
SYSTEMIC LESIONS																												
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	26
Lymphoma Malignant	X																											1

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
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Experiment Number: 99920-95
 Test Type: SPECIAL STUDY
 Route: DOSED FEED
 Species/Strain: Rat/CD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
 CAS Number: 57-63-6

Date Report Requested: 10/23/2014
 Time Report Requested: 12:59:00
 First Dose M/F: NA / NA
 Lab: NCTR

CD Rat Female F4/50PPB TO CTRL	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	*TOTALS
	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	
	0	0	0	0	0	0	0	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	
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
	5	5	5	5	5	6	9	0	0	0	4	4	4	4	4	8	8	8	8	1	1	1	1	2	
	5	6	7	8	9	0	9	0	1	2	3	2	3	4	5	6	4	5	6	7	8	7	8	9	0
Alimentary System																									
Liver		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Cardiovascular System																									
NONE																									
Endocrine System																									
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
General Body System																									
NONE																									
Genital System																									
Ovary		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Oviduct		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Uterus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Vagina		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Hematopoietic System																									
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
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 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 99920-95
 Test Type: SPECIAL STUDY
 Route: DOSED FEED
 Species/Strain: Rat/CD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
 CAS Number: 57-63-6

Date Report Requested: 10/23/2014
 Time Report Requested: 12:59:00
 First Dose M/F: NA / NA
 Lab: NCTR

CD Rat Female F4/50PPB TO CTRL	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	ANIMAL ID	*TOTALS
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	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	
		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	1	1	1	0	0	1	1	1	0	0	1	1	1	1	1	4	4	2	0
		0	0	0	0	0	0	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	
		9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
		5	5	5	5	5	6	9	0	0	0	4	4	4	4	4	8	8	8	8	1	1	1	1	2	
		5	6	7	8	9	0	9	0	1	2	3	2	3	4	4	6	4	5	6	7	8	7	8	9	0
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		25
Integumentary System																										
Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		25
Musculoskeletal System																										
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		25
Nervous System																										
NONE																										
Respiratory System																										
NONE																										
Special Senses System																										
NONE																										
Urinary System																										
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		25
SYSTEMIC LESIONS																										
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		25

** END OF REPORT **

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically