

Experiment Number: 99920-99
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)

Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 10:32:09
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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CD Rat MALE	F0	CONTROL	F0	2.0 PPB	F0	10 PPB	F0	50 PPB
Disposition Summary								
Animals Initially In Study		25		25		25		26
Early Deaths								
Natural Death		1						1
Survivors								
Terminal Sacrifice		24		25		25		25
Animals Examined Microscopically		25		25		25		26
ALIMENTARY SYSTEM								
Esophagus		(1)		(0)		(0)		(1)
Liver		(24)		(1)		(2)		(25)
Pancreas		(1)		(0)		(0)		(0)
CARDIOVASCULAR SYSTEM								
Blood Vessel		(1)		(0)		(0)		(1)
Heart		(1)		(0)		(0)		(1)
ENDOCRINE SYSTEM								
Adrenal Cortex		(24)		(0)		(0)		(26)
Adrenal Medulla		(23)		(0)		(0)		(26)
Pituitary Gland		(24)		(0)		(0)		(25)
Thyroid Gland		(24)		(0)		(0)		(25)
GENERAL BODY SYSTEM								
None								
GENITAL SYSTEM								
Coagulating Gland		(24)		(25)		(25)		(24)
Epididymis		(25)		(25)		(25)		(26)
Preputial Gland		(0)		(2)		(3)		(2)
Prostate, Dorsal/Lateral Lobe		(5)		(5)		(8)		(9)

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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Prostate, Dorsal/lateral Lobe	(19)		(20)		(17)		(17)	
Prostate, Ventral Lobe	(24)		(25)		(25)		(26)	
Rete Testes	(25)		(23)		(24)		(25)	
Seminal Vesicle	(24)		(25)		(25)		(25)	
Testes	(25)		(25)		(25)		(26)	
HEMATOPOIETIC SYSTEM								
Bone Marrow	(24)		(0)		(0)		(25)	
Spleen	(24)		(0)		(0)		(25)	
Thymus	(24)		(0)		(0)		(25)	
INTEGUMENTARY SYSTEM								
Mammary Gland	(24)		(24)		(25)		(25)	
Skin	(1)		(1)		(0)		(1)	
MUSCULOSKELETAL SYSTEM								
Bone	(25)		(0)		(0)		(26)	
NERVOUS SYSTEM								
Brain	(1)		(0)		(0)		(1)	
Spinal Cord	(1)		(0)		(0)		(0)	
RESPIRATORY SYSTEM								
Lung	(1)		(0)		(0)		(1)	
Trachea	(0)		(0)		(0)		(1)	
SPECIAL SENSES SYSTEM								
Eye	(1)		(0)		(0)		(0)	
URINARY SYSTEM								
Kidney	(24)		(4)		(0)		(25)	
Urinary Bladder	(1)		(0)		(0)		(1)	

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Tumor Summary for MALE

Total Animals with Primary Neoplasms (b)
Total Primary Neoplasms

Total Animals with Benign Neoplasms
Total Benign Neoplasms

Total Animals with Malignant Neoplasms
Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms
Total Metastatic Neoplasms

**Total Animals with Malignant Neoplasms
Uncertain Primary Site**

**Total Animals with Neoplasms Uncertain -
Benign or Malignant**
Total Uncertain Neoplasms

END OF MALE DATA

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

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

CD Rat FEMALE	F0	CONTROL	F0	2.0 PPB	F0	10 PPB	F0	50 PPB
Disposition Summary								
Animals Initially In Study		25		25		25		25
Early Deaths								
Survivors								
Terminal Sacrifice		25		25		25		25
Animals Examined Microscopically		25		25		25		25
ALIMENTARY SYSTEM								
Liver		(25)		(2)		(2)		(25)
CARDIOVASCULAR SYSTEM								
None								
ENDOCRINE SYSTEM								
Adrenal Cortex		(25)		(0)		(0)		(25)
Adrenal Medulla		(25)		(0)		(0)		(25)
Pituitary Gland		(25)		(0)		(0)		(25)
Thyroid Gland		(25)		(0)		(0)		(25)
GENERAL BODY SYSTEM								
None								
GENITAL SYSTEM								
Clitoral Gland		(2)		(1)		(2)		(0)
Ovary		(25)		(25)		(25)		(25)
Oviduct		(24)		(25)		(25)		(25)
Uterus		(25)		(25)		(25)		(25)
Vagina		(25)		(25)		(25)		(25)
HEMATOPOIETIC SYSTEM								
Bone Marrow		(25)		(0)		(0)		(25)

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Spleen		(25)		(0)		(0)		(25)
Thymus		(25)		(0)		(0)		(25)
INTEGUMENTARY SYSTEM								
Mammary Gland		(25)		(25)		(25)		(25)
Skin		(2)		(3)		(1)		(0)
MUSCULOSKELETAL SYSTEM								
Bone		(25)		(0)		(0)		(25)
NERVOUS SYSTEM								
None								
RESPIRATORY SYSTEM								
None								
SPECIAL SENSES SYSTEM								
None								
URINARY SYSTEM								
Kidney		(25)		(25)		(25)		(25)

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Lab: NCTR

CD Rat FEMALE

F0 CONTROL

F0 2.0 PPB

F0 10 PPB

F0 50 PPB

Tumor Summary for FEMALE

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

**Total Animals with Malignant Neoplasms
Uncertain Primary Site**

**Total Animals with Neoplasms Uncertain -
Benign or Malignant**

Total Uncertain Neoplasms

**** END OF REPORT ****

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically