

Experiment Number: 95001-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

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

Test Compound: NTP-2000 diet

CAS Number: DIET2000

Date Report Requested: 10/16/2014

Time Report Requested: 06:41:23

First Dose M/F: NA / NA

Lab: NIEHS

C Number:	C95001
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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Lab: NIEHS

F 344/N Rat MALE	7M	2000M
Disposition Summary		
Animals Initially In Study	25	25
Early Deaths		
Survivors		
Terminal Sacrifice	25	25
Animals Examined Microscopically	25	25
ALIMENTARY SYSTEM		
Liver	(25)	(25)
Hepatodiaphragmatic Nodule		1 (4%)
Inflammation, Acute		1 (4%)
Inflammation, Chronic		2 (8%)
Pancreas	(25)	(24)
Acinus, Atrophy	1 (4%)	2 (8%)
Acinus, Inflammation, Chronic	1 (4%)	1 (4%)
Acinus, Necrosis	1 (4%)	
Inflammation, Chronic	1 (4%)	
CARDIOVASCULAR SYSTEM		
Heart	(25)	(25)
Cardiomyopathy	25 (100%)	25 (100%)
Inflammation, Chronic	1 (4%)	
ENDOCRINE SYSTEM		
Adrenal Cortex	(25)	(25)
Adrenal Medulla	(25)	(25)
Parathyroid Gland	(24)	(24)
Cyst		1 (4%)
Pituitary Gland	(25)	(25)
Pars Distalis, Cyst	4 (16%)	1 (4%)
Thyroid Gland	(25)	(25)

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

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F 344/N Rat MALE	7M	2000M
Ultimobranchial Cyst		1 (4%)
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
None		
HEMATOPOIETIC SYSTEM		
Spleen	(25)	(25)
INTEGUMENTARY SYSTEM		
None		
MUSCULOSKELETAL SYSTEM		
None		
NERVOUS SYSTEM		
Brain	(25)	(25)
RESPIRATORY SYSTEM		
Lung	(25)	(25)
Alveolus, Inflammation, Acute	2 (8%)	
Alveolus, Inflammation, Chronic	2 (8%)	1 (4%)
Metaplasia, Osseous	1 (4%)	
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Kidney	(25)	(25)
Nephropathy	1 (4%)	
Renal Tubule, Regeneration	24 (96%)	16 (64%)

END OF MALE DATA

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Lab: NIEHS

F 344/N Rat FEMALE	7F	2000F
Disposition Summary		
Animals Initially In Study	25	25
Early Deaths		
Survivors		
Terminal Sacrifice	25	25
Animals Examined Microscopically	25	25
ALIMENTARY SYSTEM		
Liver	(25)	(25)
Hepatodiaphragmatic Nodule	2 (8%)	1 (4%)
Inflammation, Acute		2 (8%)
Inflammation, Chronic		2 (8%)
Pancreas	(25)	(25)
Acinus, Atrophy	2 (8%)	2 (8%)
Acinus, Inflammation, Chronic		1 (4%)
Inflammation, Chronic	1 (4%)	
CARDIOVASCULAR SYSTEM		
Heart	(25)	(25)
Cardiomyopathy	16 (64%)	13 (52%)
Inflammation, Chronic	1 (4%)	1 (4%)
ENDOCRINE SYSTEM		
Adrenal Cortex	(25)	(25)
Adrenal Medulla	(25)	(25)
Parathyroid Gland	(20)	(21)
Pituitary Gland	(25)	(25)
Thyroid Gland	(25)	(25)
Inflammation, Chronic	2 (8%)	
Ultimobranchial Cyst	7 (28%)	1 (4%)
GENERAL BODY SYSTEM		

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None		
GENITAL SYSTEM		
Uterus	(25)	(25)
Cervix, Inflammation, Acute		1 (4%)
Hydrometra	2 (8%)	1 (4%)
Vagina	(25)	(25)
HEMATOPOIETIC SYSTEM		
Spleen	(25)	(25)
INTEGUMENTARY SYSTEM		
None		
MUSCULOSKELETAL SYSTEM		
None		
NERVOUS SYSTEM		
Brain	(25)	(25)
RESPIRATORY SYSTEM		
Lung	(25)	(25)
Alveolar Epith, Hyperplasia	1 (4%)	
Alveolus, Inflammation, Acute	1 (4%)	
Alveolus, Inflammation, Chronic	2 (8%)	
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
Kidney	(25)	(25)
Cortex, Inflammation, Chronic	1 (4%)	
Corticomed Jct, Mineralization	24 (96%)	
Nephropathy		1 (4%)
Papilla, Mineralization		1 (4%)

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Papilla, Mineralization		1 (4%)
Renal Tubule, Regeneration		1 (4%)

**** END OF REPORT ****