

Experiment Number: 20108-01
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

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

Test Compound: Antioxidant model (TRAMP) - NAO (spinach extract)
CAS Number: NAOSPINEXTR

Date Report Requested: 10/23/2014
Time Report Requested: 11:19:32
First Dose M/F: NA / NA
Lab: ILS

C Number:	C20108A
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male
PWG Approval Date	NONE

Experiment Number: 20108-01
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/C57BL/6

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)
Test Compound: Antioxidant model (TRAMP) - NAO (spinach extract)
CAS Number: NAOSPINEXTR

Date Report Requested: 10/23/2014
Time Report Requested: 11:19:32
First Dose M/F: NA / NA
Lab: ILS

C57BL/6 Mouse MALE	VEHICLE CONTROL	200MG/KG
Disposition Summary		
Animals Initially In Study	10	32
Scheduled Sacrifice	10	32
Early Deaths		
Survivors		
Animals Examined Microscopically	10	32
ALIMENTARY SYSTEM		
Liver	(10)	(32)
Bile Duct, Inflammation	1 (10%)	
Inflammation, Focal	8 (80%)	3 (9%)
Tension Lipidosis	1 (10%)	1 (3%)
CARDIOVASCULAR SYSTEM		
None		
ENDOCRINE SYSTEM		
Adrenal Cortex	(0)	(1)
Pituitary Gland	(5)	(22)
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Epididymis	(10)	(30)
Fibrosis	1 (10%)	
Prostate, Anterior Lobe	(10)	(32)
Hyperplasia, Grade 1, Focal		11 (34%)
Hyperplasia, Grade 1, Multifocal		3 (9%)
Hyperplasia, Grade 3, Focal		2 (6%)
Inflammation, Focal	1 (10%)	
Prostate, Dorsal Lobe	(10)	(32)

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

Experiment Number: 20108-01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/C57BL/6

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

Test Compound: Antioxidant model (TRAMP) - NAO (spinach extract)

CAS Number: NAOSPINEXTR

Date Report Requested: 10/23/2014

Time Report Requested: 11:19:32

First Dose M/F: NA / NA

Lab: ILS

C57BL/6 Mouse MALE	VEHICLE CONTROL	200MG/KG
Hyperplasia, Grade 1, Focal	1 (10%)	
Hyperplasia, Grade 3, Multifocal		2 (6%)
Prostate, Lateral Lobe	(9)	(29)
Hyperplasia, Grade 1, Focal	1 (11%)	1 (3%)
Hyperplasia, Grade 2, Focal	1 (11%)	
Hyperplasia, Grade 3, Focal		1 (3%)
Hyperplasia, Grade 3, Multifocal		1 (3%)
Inflammation, Focal	1 (11%)	
Prostate, Ventral Lobe	(5)	(24)
Hyperplasia, Grade 2, Focal		1 (4%)
Hyperplasia, Grade 3, Focal		1 (4%)
Seminal Vesicle	(10)	(32)
Inflammation, Focal	2 (20%)	
Testes	(10)	(32)
Atrophy	1 (10%)	1 (3%)
Germinal Epith, Syncytial Alteration		2 (6%)
Germinal Epith, Vacuolization Cytoplasmic		3 (9%)
HEMATOPOIETIC SYSTEM		
Lymph Node	(1)	(1)
Spleen	(10)	(28)
Hematopoietic Cell Proliferation		3 (11%)
INTEGUMENTARY SYSTEM		
None		
MUSCULOSKELETAL SYSTEM		
None		
NERVOUS SYSTEM		
None		
RESPIRATORY SYSTEM		

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

Experiment Number: 20108-01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/C57BL/6

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

Test Compound: Antioxidant model (TRAMP) - NAO (spinach extract)

CAS Number: NAOSPINEXTR

Date Report Requested: 10/23/2014

Time Report Requested: 11:19:32

First Dose M/F: NA / NA

Lab: ILS

C57BL/6 Mouse MALE	VEHICLE CONTROL	200MG/KG
<hr/>		
None		
<hr/>		
SPECIAL SENSES SYSTEM		
<hr/>		
None		
<hr/>		
URINARY SYSTEM		
Kidney	(10)	(32)
Cortex, Renal Tubule, Dilatation, Focal		2 (6%)
Cortex, Renal Tubule, Regeneration, Focal		2 (6%)
Hydronephrosis		1 (3%)
Medulla, Renal Tubule, Dilatation		2 (6%)
Medulla, Renal Tubule, Dilatation, Focal	1 (10%)	
Renal Tubule, Casts Protein	1 (10%)	2 (6%)
Renal Tubule, Inflammation, Focal		1 (3%)
Urinary Bladder	(10)	(29)
Serosa, Mineralization, Focal	1 (10%)	

**** END OF REPORT ****

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