

Experiment Number: 99024-06
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/17/2014
Time Report Requested: 15:57:49
First Dose M/F: NA / NA
Lab: SRI

C Number: C99024C
Lock Date: 11/15/2002
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date NONE

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 15:57:49

First Dose M/F: NA / NA

Lab: SRI

B6C3F1 Mouse MALE	0.0 MG/KG	1.0 MG/KG	5.0 MG/KG	10.0 MG/KG	20.0 MG/KG	50.0 MG/KG
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Gallbladder	(9)	(0)	(0)	(0)	(0)	(9)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(9)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation, Focal	1 [1.0]					
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(10)
Cyst	3 [1.0]					2 [1.0]
CARDIOVASCULAR SYSTEM						
Heart	(10)	(10)	(10)	(10)	(10)	(10)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Accessory Adrenal Cortical Nodule	1 [1.0]					1 [1.0]

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 15:57:49

First Dose M/F: NA / NA

Lab: SRI

B6C3F1 Mouse MALE	0.0 MG/KG	1.0 MG/KG	5.0 MG/KG	10.0 MG/KG	20.0 MG/KG	50.0 MG/KG
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(10)	(0)	(0)	(0)	(0)	(9)
Cyst	1 [1.0]					1 [2.0]
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(9)
Pars Distalis, Cyst						1 [1.0]
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
Ectopic Thymus	1 [1.0]					
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(0)	(10)
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
Cyst	1 [2.0]					1 [2.0]
Prostate	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Lymphocyte, Focal	1 [1.0]		2 [1.0]	1 [1.0]		
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(10)
Testes	(10)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(10)	(10)	(10)	(10)	(10)
Hyperplasia			4 [1.3]	1 [1.0]	2 [1.5]	5 [1.2]
Lymph Node, Mandibular	(10)	(10)	(10)	(10)	(10)	(10)
Necrosis, Lymphoid	3 [1.0]	3 [1.0]	3 [1.0]		4 [1.0]	4 [1.0]
Lymph Node, Mesenteric	(10)	(10)	(9)	(10)	(10)	(10)
Necrosis, Lymphoid	6 [1.2]	7 [1.1]	5 [1.0]	8 [1.0]	4 [1.5]	5 [1.0]
Spleen	(10)	(10)	(10)	(10)	(10)	(10)
Hyperplasia, Lymphoid					1 [1.0]	2 [2.0]
Necrosis, Lymphoid	5 [1.0]	4 [1.0]	1 [1.0]	5 [1.0]	2 [1.0]	5 [1.6]
Necrosis, Lymphoid, Focal				1 [1.0]	1 [1.0]	

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 15:57:49

First Dose M/F: NA / NA

Lab: SRI

B6C3F1 Mouse MALE	0.0 MG/KG	1.0 MG/KG	5.0 MG/KG	10.0 MG/KG	20.0 MG/KG	50.0 MG/KG
Thymus	(10)	(10)	(10)	(10)	(10)	(10)
Necrosis, Lymphoid	7 [1.0]	8 [1.0]	6 [1.0]	5 [1.0]	3 [1.0]	5 [1.4]
Necrosis, Lymphoid, Focal				2 [1.0]	2 [1.0]	
INTEGUMENTARY SYSTEM						
Mammary Gland	(0)	(0)	(1)	(0)	(0)	(0)
Skin	(10)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
Eye	(10)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Nephropathy	1 [1.0]					1 [1.0]
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

END OF MALE DATA

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

Experiment Number: 99024-06
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
 AVERAGE SEVERITY GRADES[b]**
 Test Compound: Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 10/17/2014
 Time Report Requested: 15:57:49
 First Dose M/F: NA / NA
 Lab: SRI

B6C3F1 Mouse FEMALE	0.0	MG/KG	1.0	MG/KG	5.0	MG/KG	10.0	MG/KG	20.0	MG/KG	50.0	MG/KG
Disposition Summary												
Animals Initially In Study	10		10		10		10		10		10	
Early Deaths												
Accidentally Killed							1					
Survivors												
Terminal Sacrifice	10		10		10		9		10		10	
Animals Examined Microscopically	10		10		10		10		10		10	
ALIMENTARY SYSTEM												
Esophagus	(9)		(0)		(0)		(0)		(0)		(10)	
Gallbladder	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Large, Cecum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Large, Colon	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Large, Rectum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Small, Duodenum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Small, Ileum	(9)		(0)		(0)		(0)		(0)		(10)	
Intestine Small, Jejunum	(10)		(0)		(0)		(0)		(0)		(10)	
Liver	(10)		(10)		(10)		(10)		(10)		(10)	
Hematopoietic Cell Proliferation, Focal Necrosis	3 [1.0]		1 [1.0]						1 [2.0]		3 [1.0]	
Mesentery	(0)		(0)		(0)		(0)		(1)		(0)	
Pancreas	(10)		(0)		(0)		(0)		(0)		(10)	
Salivary Glands	(10)		(0)		(0)		(0)		(0)		(10)	
Stomach, Forestomach	(10)		(0)		(0)		(0)		(0)		(10)	
Stomach, Glandular Cyst	(10)		(0)		(0)		(0)		(0)		(10)	
	1 [1.0]										2 [1.0]	
CARDIOVASCULAR SYSTEM												
Heart	(10)		(10)		(10)		(10)		(10)		(10)	

a - Number of animals examined microscopically at site and number of animals with lesion
 b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 15:57:49

First Dose M/F: NA / NA

Lab: SRI

B6C3F1 Mouse FEMALE	0.0 MG/KG	1.0 MG/KG	5.0 MG/KG	10.0 MG/KG	20.0 MG/KG	50.0 MG/KG
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(10)	(10)	(10)	(10)	(10)
Accessory Adrenal Cortical Nodule					1	1 [2.0]
X-Zone, Atrophy			6 [1.7]	9 [1.8]	10 [2.5]	10 [2.8]
X-Zone, Vacuolization Cytoplasmic	10 [1.6]	10 [1.7]	10 [1.4]	10 [1.2]	1 [1.0]	
Adrenal Medulla	(10)	(10)	(10)	(10)	(10)	(10)
Parathyroid Gland	(9)	(0)	(0)	(0)	(0)	(9)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Thyroid Gland	(9)	(0)	(0)	(0)	(0)	(10)
Ectopic Thymus						1 [1.0]
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(9)	(0)	(0)	(0)	(0)	(10)
Ovary	(10)	(10)	(10)	(9)	(10)	(10)
Uterus	(10)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(10)	(10)	(10)	(10)	(10)
Hyperplasia	2 [1.0]	1 [1.0]	1 [1.0]		1 [1.0]	
Lymph Node, Mandibular	(10)	(10)	(10)	(10)	(10)	(10)
Hyperplasia, Lymphoid						2 [2.0]
Necrosis, Lymphoid					1 [1.0]	
Lymph Node, Mesenteric	(10)	(10)	(10)	(10)	(10)	(10)
Necrosis, Lymphoid	2 [1.0]	5 [1.2]	6 [1.2]	6 [1.3]	6 [1.3]	3 [1.3]
Spleen	(10)	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation	1 [2.0]					1 [2.0]
Necrosis, Lymphoid		2 [1.0]		1 [1.0]	3 [1.0]	

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 15:57:49

First Dose M/F: NA / NA

Lab: SRI

B6C3F1 Mouse FEMALE	0.0 MG/KG	1.0 MG/KG	5.0 MG/KG	10.0 MG/KG	20.0 MG/KG	50.0 MG/KG
Thymus	(9)	(10)	(10)	(10)	(10)	(10)
Necrosis, Lymphoid	2 [2.0]	5 [1.0]	4 [1.3]	6 [1.0]	4 [1.0]	3 [2.0]
INTEGUMENTARY SYSTEM						
Mammary Gland	(10)	(10)	(10)	(10)	(10)	(10)
Skin	(10)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(1)	(0)	(10)
Femur, Fracture				1 [4.0]		
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Alveolus, Hemorrhage, Focal	1 [1.0]					2 [1.0]
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
Eye	(10)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Nephropathy						1 [1.0]
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

**** END OF REPORT ****

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)