

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

C Number:	C55663
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	12/20/1988

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7001

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Lung

Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7002

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10422

OBSERVATIONS

Liver [Hepatocellular Carcinoma TGLS = 1-10] Hepatocellular Carcinoma

Lung Bronchiole Hyperplasia Focal, Marked

Nose Olfactory Epi Degeneration Hyaline, Minimal

Olfactory Epi Metaplasia Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7003

TRT#: 3

SEX: Male

DAY ON TEST: 659

DOSE: 1.5MG/M3 MALE

DISP: Dead

HISTO: 9430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Mammary Gland
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Brain		Mineralization	Minimal
Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Note: [ALV BRON CARC] TGLs = 5-4			
Kidney		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Note: ALV BRON CARC TGLs = 6-11			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 4-3			
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Mild
Note: [HYPERPLASIA] TGLs = 8-3			
Preputial Gland	Duct	Dilatation	Marked
Note: DILATATION TGLs = 1,2-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7004

TRT#: 3
DOSE: 1.5MG/M3 MALE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 743
HISTO: 10423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Liver	Hepatocellular Adenoma
[Hepatocellular Adenoma TGLS = 1-10]	
Spleen	Lymphoma Malignant Mixed

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7005

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 1.5MG/M3 MALE

DISP: Dead

HISTO: 7787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Mineralization	Mild
Liver		Hepatocellular Adenoma	
		Infarct	Mild
		Inflammation	Subacute, Moderate
Note: HEPATOCLR ADEN TGLs = 1-10			
Lung		Alveolar/Bronchiolar Adenoma	
Nose	Respirat Epith	Degeneration	Hyaline, Mild
	Nasolacrim Dct	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7006

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

PRESENT BUT NOT EXAMINED

Tooth

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7007

TRT#: 3

SEX: Male

DAY ON TEST: 419

DOSE: 1.5MG/M3 MALE

DISP: Moribund

HISTO: 7261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Ileum
Larynx
Pancreas
Skin
Testes

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Jejunum
Liver
Pituitary Gland
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Lymph Node - Bronchial
Prostate
Stomach - Forestomach
Trachea

Bone Marrow
Gallbladder
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

MISSING

Intestine Large - Rectum

Mammary Gland

Parathyroid Gland

Thymus

OBSERVATIONS

Lung

Hemorrhage
Inflammation

Acute, Moderate
Suppurative, Minimal

Nose

Hemorrhage
Metaplasia

Acute, Moderate
Focal, Minimal

Olfactory Epi

Note: HEMORRHAGE TGLs = 1-9

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7008

TRT#: 3

SEX: Male

DAY ON TEST: 654

DOSE: 1.5MG/M3 MALE

DISP: Moribund

HISTO: 11587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lung	Mammary Gland	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Diffuse, Minimal
Brain		Lymphoma Malignant Lymphocytic	
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 4,3-4		
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 1-7		
Note: LYMPH MAL LYMP	TGLs = 7-3		
Note: LYMPH MAL LYMP	TGLs = 8-13		
Note: LYMPH MAL LYMP	TGLs = 6-12		
Note: LYMPH MAL LYMP	TGLs = 5-11		
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
Prostate		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 2-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7008

TRT#: 3

SEX: Male

DAY ON TEST: 654

DOSE: 1.5MG/M3 MALE

DISP: Moribund

HISTO: 11587

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7009

TRT#: 3

SEX: Male

DAY ON TEST: 668

DOSE: 1.5MG/M3 MALE

DISP: Moribund

HISTO: 11588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 4-10		
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
Preputial Gland		Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 1-11		
Urinary Bladder		Dilatation	Moderate
Note: DILATATION	TGLs = 3-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7010

TRT#: 3

SEX: Male

DAY ON TEST: 220

DOSE: 1.5MG/M3 MALE

DISP: Moribund

HISTO: 6125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Seminal Vesicle
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Small - Duodenum
Kidney
Pancreas
Stomach - Forestomach
Urinary Bladder

Bone
Heart
Intestine Small - Ileum
Larynx
Pituitary Gland
Stomach - Glandular

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Prostate
Testes

MISSING

Epididymis
Mammary Gland
Thyroid Gland

Intestine Large - Cecum
Parathyroid Gland

Lymph Node - Bronchial
Salivary Glands

Lymph Node - Mandibular
Thymus

OBSERVATIONS

Bone Marrow
Lung
 Note: INFLAMMATION TGLs = 3-3
Skin
 Note: INFLAMMATION TGLs = 2-9+10
Spleen
 Note: HEMA CELL PROL TGLs = 1-4

Hyperplasia
Inflammation

Inflammation

Hematopoietic Cell Proliferation

Neutrophil, Marked
Suppurative, Mild

Suppurative, Moderate

Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: PCOD IS THE SUBCUTANEOUS AND PULMONARY ABSCESSSES.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7011

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Lung

Alveolar/Bronchiolar Adenoma

Inflammation

Subacute, Mild

[Alveolar/Bronchiolar Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7012

TRT#: 3

SEX: Male

DAY ON TEST: 672

DOSE: 1.5MG/M3 MALE

DISP: Moribund

HISTO: 11589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney	Pelvis	Inflammation	Suppurative, Moderate
Liver		Hepatocellular Carcinoma	
		Necrosis	Marked
Note: HEPATOCLR CARC TGLs = 1,3,4-4+10+11			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric, Sinus	Dilatation	Marked
Note: DILATATION TGLs = 5-12			
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7013

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Minimal

Preputial Gland

Duct

Dilatation

Marked

Note: DILATATION TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7014

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10427

OBSERVATIONS

Nose

Olfactory Epi

Metaplasia

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7015

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10428

OBSERVATIONS

Lung

Lymph Node

Mediastinal

Mesenteric

Pancreatic

Renal

Infiltration Cellular

Lymphoma Malignant Mixed

Lymphoma Malignant Mixed

Lymphoma Malignant Mixed

Lymphoma Malignant Mixed

Histiocyte, Mild

Note: DX ASSOCIATED WITH PANCREATIC LYMPH NODE WAS IN FACT

Note: DIAGNOSED FOR THE HEPATIC LYMPH NODE, BUT HEPATIC IS

Note: NOT AVAILABLE AS A SITE.

[Lymphoma Malignant Mixed TGLS = 5-10]

[Lymphoma Malignant Mixed TGLS = 6-14]

[Lymphoma Malignant Mixed TGLS = 4-11]

[Lymphoma Malignant Mixed TGLS = 3-12]

Nose

Penis

Olfactory Epi

Degeneration

Abscess

Hyaline, Mild

Moderate

Note: ABSCESS TGLs = 1-13

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7016

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10429

OBSERVATIONS

Nose

Olfactory Epi

Degeneration

Hyaline, Minimal

Skin

Alopecia

Mild

[Alopecia TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7017

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10430

OBSERVATIONS

Adrenal Gland

Cortex

Hypertrophy

Focal, Minimal

Nose

Olfactory Epi

Metaplasia

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7018

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Ear Fibrosarcoma

Note: FIBROSARC TGLs = 1-12+13

Eye Fibrosarcoma

[Fibrosarcoma TGLS = 3-10]

Lung Infiltration Cellular Histiocyte, Mild

Inflammation Suppurative, Mild

Preputial Gland Inflammation Suppurative, Moderate

Note: INFLAMMATION TGLs = 2-11

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7019

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10432

OBSERVATIONS

Nose

Olfactory Epi

Degeneration

Hyaline, Mild

Olfactory Epi

Metaplasia

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7020

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 7-15+4

Lung

Bronchiole

Alveolar/Bronchiolar Adenoma

Hyperplasia

Focal, Moderate

Lymphoma Malignant Mixed

[Alveolar/Bronchiolar Adenoma TGLS = 2-10]

Lymph Node

Axillary

Lymphoma Malignant Mixed

Iliac

Lymphoma Malignant Mixed

Mediastinal

Lymphoma Malignant Mixed

Mesenteric

Lymphoma Malignant Mixed

Renal

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 3-11

[Lymphoma Malignant Mixed TGLS = 8-16]

[Lymphoma Malignant Mixed TGLS = 6-5]

[Lymphoma Malignant Mixed TGLS = 4-13]

[Lymphoma Malignant Mixed TGLS = 5-14]

Spleen

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 1-12

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7021

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node - Bronchial

Nose

OBSERVATIONS

Adrenal Gland

Cortex

Hypertrophy

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7022

TRT#: 3

SEX: Male

DAY ON TEST: 640

DOSE: 1.5MG/M3 MALE

DISP: Moribund

HISTO: 9390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Inflammation	Suppurative, Moderate
Note: INFLAMMATION	TGLs = 4-5		
Liver		Focal Cellular Change	Moderate
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 3,6-11+12		
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 5-10		
Nose	Olfactory Epi	Metaplasia	Focal, Mild
Preputial Gland	Duct	Dilatation	Marked
Note: DILATATION	TGLs = 1-13		
Prostate		Inflammation	Suppurative, Mild
Seminal Vesicle		Dilatation	Moderate
Note: DILATATION	TGLs = 7-14		
Spleen		Atrophy	Mild
Note: ATROPHY	TGLs = 2-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7023

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10435

OBSERVATIONS

Nose

Inflammation

Suppurative, Minimal

Stomach

Forestomach

Squamous Cell Papilloma

[Squamous Cell Papilloma TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7024

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10436

OBSERVATIONS

Lung

Alveolar/Bronchiolar Adenoma

Multiple

Alveolar/Bronchiolar Carcinoma

Bronchiole

Hyperplasia

Focal, Mild

Infiltration Cellular

Histiocyte, Mild

[Alveolar/Bronchiolar Carcinoma TGLS = 1-3]

Nose

Hyperplasia

Focal, Mild

Respirat Epith

Metaplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7025

TRT#: 3

SEX: Male

DAY ON TEST: 525

DOSE: 1.5MG/M3 MALE

DISP: Moribund

HISTO: 8505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Gallbladder

OBSERVATIONS

Kidney Note: INFLAMMATION TGLs = 5-5	Pelvis	Inflammation	Chronic, Marked
Liver Note: HEPATOCLR CARC TGLs = 3-10 Note: FIBROSIS TGLs = 3-5	Serosa	Fibrosis Hepatocellular Carcinoma	Chronic, Marked
Preputial Gland Note: INFLAMMATION TGLs = 1-12		Inflammation	Suppurative, Marked
Urinary Bladder Note: HYPERPLASIA TGLs = 2-8		Hyperplasia Inflammation	Marked Subacute, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7026

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Minimal

Cortex

Hypertrophy

Focal, Mild

Lung

Alveolar Epith

Alveolar/Bronchiolar Adenoma

Hyperplasia

Mild

[Alveolar/Bronchiolar Adenoma TGLS = 2-10]

Nose

Olfactory Epi

Metaplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7027	TRT#: 3	SEX: Male	DAY ON TEST: 743
	DOSE: 1.5MG/M3 MALE	DISP: Terminal Sacrifice	HISTO: 10438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
Skin		Basal Cell Carcinoma	

Note: [BASAL CEL CARC] TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7028

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10439

OBSERVATIONS

Adrenal Gland

Cortex

Hypertrophy

Focal, Mild

Lung

[Alveolar/Bronchiolar Adenoma TGLS = 1-3]

Alveolar/Bronchiolar Adenoma

Nose

Olfactory Epi

Degeneration

Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7029

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10440

OBSERVATIONS

Adrenal Gland

Cortex

Hypertrophy

Focal, Mild

Lung

Alveolar/Bronchiolar Adenoma

Nose

Respirat Epith

Hyperplasia

Focal, Mild

Inflammation

Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7030

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10441

OBSERVATIONS

Adrenal Gland

Cortex

Hypertrophy

Focal, Minimal

Intestine Small

Jejunum

Hyperplasia

Lymphoid, Mild

Note: HYPERPLASIA TGLs = 3-12

Liver

Hepatocellular Adenoma

Multiple

Note: HEPATOCLR ADEN TGLs = 1,2-4+11

Lung

Alveolar Epith

Hyperplasia

Moderate

Nose

Olfactory Epi

Degeneration

Hyaline, Mild

Inflammation

Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7031

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Skin

Alopecia

Mild

Note: ALOPECIA TGLs = 1-10+2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7032

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Adrenal Gland

Cortex

Hypertrophy

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7033

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10444

OBSERVATIONS

Adrenal Gland

Cortex

Hypertrophy

Focal, Minimal

Liver

Hepatocellular Adenoma

Multiple

Note: HEPATOCLR ADEN TGLs = 2,3-10+11

Lymph Node

Mediastinal

Hyperplasia

Lymphoid, Marked

[Hyperplasia TGLS = 1-3]

Nose

Olfactory Epi

Degeneration

Hyaline, Minimal

Inflammation

Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7034

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Minimal

Harderian Gland

Adenoma

[Adenoma TGLS = 1-9]

Lung

Alveolar Epith

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7035

TRT#: 3

SEX: Male

DAY ON TEST: 721

DOSE: 1.5MG/M3 MALE

DISP: Moribund

HISTO: 11590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lung	Lymph Node - Mandibular	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Spleen	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland	Skin
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OBSERVATIONS

Kidney Note: DEVELOP MALFOR TGLs = 4-10 Note: THE KIDNEY NODULE IN SLIDE 10 APPEARS TO BE AN ADRENAL Note: CORTICAL REST.		Developmental Malformation	
Liver Note: NECROSIS TGLs = 1-4		Necrosis	Marked
Stomach Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED. Note: UNDIFFERENTIATED SARCOMA. Note: DIFF DX OF STOMACH TUMOR INCLUDES LEIOMOSARCOMA, Note: SARCOMA TGLs = 3-8+11+12 Note: FIBROSARCOMA, CARCINOID TUMOR, LYMPHOMA MALIG HISTIOCYTIC,	Glandular	Sarcoma	Poorly Diffr

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7036

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Adrenal Gland

Cortex

Hypertrophy

Focal, Minimal

Lung

Alveolar/Bronchiolar Carcinoma

[Alveolar/Bronchiolar Carcinoma TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7037

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10447

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Mild

Cortex

Hypertrophy

Mild

Nose

Olfactory Epi

Metaplasia

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7038

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10448

OBSERVATIONS

Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3,4,5-4+10]			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 2-2			
Skin		Alopecia	Mild
[Alopecia TGLS = 1-2]			
Stomach	Glandular	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 6-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7039

TRT#: 3

SEX: Male

DAY ON TEST: 465

DOSE: 1.5MG/M3 MALE

DISP: Moribund

HISTO: 7884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Ileum
Larynx
Pancreas
Seminal Vesicle
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pituitary Gland
Skin
Testes
Urinary Bladder

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Prostate
Spleen
Thymus

Bone Marrow
Gallbladder
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Salivary Glands
Stomach - Forestomach
Thyroid Gland

MISSING

Intestine Large - Cecum

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Liver Hepatocellular Carcinoma

Note: HEPATOCLR CARC TGLs = 1-4

Nose Olfactory Epi Degeneration Hyaline, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7040

TRT#: 3

SEX: Male

DAY ON TEST: 689

DOSE: 1.5MG/M3 MALE

DISP: Moribund

HISTO: 11591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 1-7			
Note: LYMPH MAL MIXD TGLs = 5-5			
Note: LYMPH MAL MIXD TGLs = 6-3			
Note: LYMPH MAL MIXD TGLs = 7-10+11			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Minimal
Penis		Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 2-12			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7041

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Adrenal Gland

Cortex

Hypertrophy

Focal, Minimal

Intestine Small

Ileum

Hyperplasia

Lymphoid, Moderate

[Hyperplasia TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7042

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10450

OBSERVATIONS

Adrenal Gland

Cortex

Hypertrophy

Focal, Mild

Lymph Node

Bronchial

Lymphoma Malignant Mixed

[Lymphoma Malignant Mixed TGLS = 2-3]

Nose

Olfactory Epi

Degeneration

Hyaline, Mild

Spleen

Lymphoma Malignant Mixed

[Lymphoma Malignant Mixed TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7043

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Adrenal Gland

Cortex

Hypertrophy

Mild

Lung

Bronchiole

Hyperplasia

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:03
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7044

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Liver Hepatocellular Adenoma

Note: HEPATOCLR ADEN TGLs = 3-4

Lymph Node Renal Hyperplasia Lymphoid, Marked

Note: HYPERPLASIA TGLs = 4-5

Skin Alopecia Mild

Note: ALOPECIA TGLs = 1-2+10

Spleen Hemangiosarcoma

Note: HEMANGIOSARC TGLs = 2-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7045

TRT#: 3

SEX: Male

DAY ON TEST: 498

DOSE: 1.5MG/M3 MALE

DISP: Moribund

HISTO: 8246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Mammary Gland	Prostate	Thymus
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OBSERVATIONS

Preputial Gland	Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 1-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7046

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10453

OBSERVATIONS

Liver [Hepatocellular Adenoma TGLS = 1-4] Hepatocellular Adenoma

Lung Alveolar Epith Hyperplasia Mild

Nose Olfactory Epi Degeneration Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7047

TRT#: 3

SEX: Male

DAY ON TEST: 424

DOSE: 1.5MG/M3 MALE

DISP: Dead

HISTO: 7325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Lung
Pituitary Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Heart
Intestine Small - Ileum
Larynx
Pancreas
Skin
Testes

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Parathyroid Gland
Spleen
Thyroid Gland

MISSING

Gallbladder
Prostate

Intestine Large - Cecum
Thymus

Lymph Node - Bronchial

Mammary Gland

OBSERVATIONS

Brain
Nose

Olfactory Epi

Abscess
Degeneration

Marked
Hyaline, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7048

TRT#: 3

SEX: Male

DAY ON TEST: 743

DOSE: 1.5MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

OBSERVATIONS

Liver

Hepatocellular Adenoma

[Hepatocellular Adenoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7049

TRT#: 3

SEX: Male

DAY ON TEST: 571

DOSE: 1.5MG/M3 MALE

DISP: Dead

HISTO: 8697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Larynx

Liver

Lymph Node - Bronchial

Lymph Node - Mandibular

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Skin

Spleen

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney

Atrophy

Marked

Pelvis

Inflammation

Chronic, Marked

[Inflammation TGLS = 1-5]

Lung

Bronchiole

Hyperplasia

Focal, Moderate

Stomach

Forestomach

Hyperkeratosis

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7050

TRT#: 3

SEX: Male

DAY ON TEST: 542

DOSE: 1.5MG/M3 MALE

DISP: Moribund

HISTO: 8625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Brain		Mineralization	Mild
Harderian Gland		Carcinoma	
Note: CARCINOMA	TGLs = 4-9		
Lung		Carcinoma	Metastatic (Harderian Gland)
		Hyperplasia	Moderate
Note: CARCINOMA	TGLs = 3-3		
Preputial Gland		Dilatation	Moderate
Note: DILATATION	TGLs = 1-10		
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 2-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8001

TRT#: 5

DOSE: 3.0MG/M3 MALE

SEX: Male

DISP: Moribund

DAY ON TEST: 553

HISTO: 8650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Brain		Mineralization	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 2-11		
Note: HEPATOCLR ADEN	TGLs = 4-10		
Lung		Hepatocellular Carcinoma	Metastatic (Liver), Multiple (Liver)
Note: HEPATOCLR CARC	TGLs = 3-3		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
Stomach	Forestomach	Hyperkeratosis	Mild
Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8002

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Metaplasia	Osseous, Mild
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8003

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 3.0MG/M3 MALE

DISP: Moribund

HISTO: 9548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Diffuse, Mild
Brain		Mineralization	Moderate
Lung		Alveolar/Bronchiolar Adenoma	
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
Pancreas		Hemorrhage	Marked
Note: HEMORRHAGE	TGLs = 2-10		
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL	TGLs = 1-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8004

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Mammary Gland
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OBSERVATIONS

Brain		Mineralization	Moderate
Lung	Alveolar Epith	Hyperplasia	Marked
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Spleen		Hyperplasia	Lymphoid, Mild

Note: HYPERPLASIA TGLs = 1-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8005

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder	Pituitary Gland
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OBSERVATIONS

Brain		Mineralization	Mild
Liver		Hemangiosarcoma	Metastatic (Spleen)
		Infarct	Moderate
Note: GALL BLADDER USUALLY IS.			
Note: BLADDER ON THE GROSS. IT WAS LOCATED RIGHT WHERE THE			
Note: TORSION IS NOT AVAILABLE AS MORPHOLOGY, INFARCT			
Note: WILL BE USED. THIS WAS OK'D BY DR. GIDDENS.			
Note: INFARCT TGLs = 3-10			
Note: THIS TISSUE WAS I BELIEVE, MISINTERPRETED AS GALL			
Note: HEMANGIOSARC TGLs = 4-4			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Focal, Mild
		Inflammation	Suppurative, Moderate
	Bronchus	Ulcer	Focal, Mild
Note: ALV BRON CARC TGLs = 5-3			
[Alveolar/Bronchiolar Carcinoma TGLS = 6,7,8-3]			
Nose	Olfactory Epi	Degeneration	Hyaline, Focal, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8005

TRT#: 5
DOSE: 3.0MG/M3 MALE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 10354

ORGAN AND ACCOUNTABLE SITE STATUS

Olfactory Epi

Metaplasia
Hemangiosarcoma

Focal, Mild

Spleen
Note: HEMANGIOSARC TGLs = 1-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8006

TRT#: 5

SEX: Male

DAY ON TEST: 345

DOSE: 3.0MG/M3 MALE

DISP: Moribund

HISTO: 6627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Prostate
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Small - Duodenum
Larynx
Pancreas
Salivary Glands
Testes

Bone Marrow
Heart
Intestine Small - Ileum
Liver
Parathyroid Gland
Spleen
Thyroid Gland

Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pituitary Gland
Stomach - Forestomach
Trachea

MISSING

Intestine Large - Cecum

Lymph Node - Mandibular

Mammary Gland

Thymus

OBSERVATIONS

Adrenal Gland
Brain
Kidney
Nose
Skin

Cortex

Olfactory Epi

Hyperplasia
Mineralization
Nephropathy
Degeneration
Inflammation

Diffuse, Mild
Mild
Moderate
Hyaline, Mild
Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: PCOM IS UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8007

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Kidney

Larynx

Liver

Lymph Node - Bronchial

Lymph Node - Mandibular

Pancreas

Pituitary Gland

Prostate

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

Parathyroid Gland

Thymus

OBSERVATIONS

Lung

Hemorrhage

Focal, Mild

Alveolar Epith

Hyperplasia

Mild

Nose

Olfactory Epi

Degeneration

Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8008

TRT#: 5

SEX: Male

DAY ON TEST: 637

DOSE: 3.0MG/M3 MALE

DISP: Moribund

HISTO: 9384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
Kidney		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 4-5			
Liver		Infarct	Marked
Note: INFARCT TGLs = 3-10			
Note: TORSION NOT AVAILABLE AS MOROPHOLOGY, INFARCT WILL BE			
Note: USED INSTEAD. OK'D BY DR. GIDDENS.			
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
Note: ALV BRON CARC TGLs = 5-3	Alveolar Epith	Hyperplasia	Mild
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
Preputial Gland		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-11			
Prostate		Inflammation	Suppurative, Moderate
Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8009

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Bone Marrow	Calvarium	Mast Cell Tumor Malignant	
Brain		Lymphoma Malignant Lymphocytic	
		Mineralization	Mild
Kidney		Lymphoma Malignant Lymphocytic	
	Renal Tubule	Regeneration	Mild
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: ALV BRON ADEN TGLs = 2-3			
Lymph Node	Mandibular	Mast Cell Tumor Malignant	Metastatic (Bone Marrow)
Note: [MAST CL TM MAL] TGLs = 1-7			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Spleen		Mast Cell Tumor Malignant	Metastatic (Bone Marrow)
Stomach	Forestomach	Mast Cell Tumor Malignant	Metastatic (Bone Marrow)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8010

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Parathyroid Gland
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Pituitary Gland
Spleen
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Prostate
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Pancreas
Salivary Glands
Stomach - Glandular
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Brain
Lung
Lymph Node
Nose
Preputial Gland

Mandibular
Olfactory Epi
Duct

Mineralization
Alveolar/Bronchiolar Adenoma
Hyperplasia
Degeneration
Dilatation

Minimal
Lymphoid, Moderate
Hyaline, Mild
Marked

Note: DILATATION TGLs = 2-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8011

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Kidney		Lymphoma Malignant Lymphocytic	
Lung	Bronchiole	Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8012

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Brain		Mineralization	Minimal
Liver		Focal Cellular Change	Mild
		Inflammation	Subacute, Minimal
Note: FOCAL CELL CH TGLs = 2-10			
Lung		Alveolar/Bronchiolar Adenoma	
	Mediastinum	Hemangioma	
Note: ALV BRON ADEN TGLs = 3-3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8013

TRT#: 5

SEX: Male

DAY ON TEST: 421

DOSE: 3.0MG/M3 MALE

DISP: Moribund

HISTO: 7268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Lymph Node - Bronchial	Pancreas	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder	Intestine Large - Cecum	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland	Prostate	Skin	

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Diffuse, Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-10			
Nose	Olfactory Epi Respirat Epith	Degeneration Papilloma	Hyaline, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8014

TRT#: 5

SEX: Male

DAY ON TEST: 702

DOSE: 3.0MG/M3 MALE

DISP: Dead

HISTO: 9641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Salivary Glands
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Parathyroid Gland
Skin
Testes
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Pituitary Gland
Spleen
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Larynx
Lymph Node - Mandibular
Prostate
Stomach - Forestomach
Thyroid Gland

MISSING

Mammary Gland

OBSERVATIONS

Brain
Kidney
Nose

Olfactory Epi

Mineralization
Mineralization
Degeneration

Mild
Mild
Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8015

TRT#: 5

SEX: Male

DAY ON TEST: 381

DOSE: 3.0MG/M3 MALE

DISP: Dead

HISTO: 6937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Liver		Hemorrhage	Marked
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-10			
Lung	Bronchiole	Hyperplasia	Minimal
		Leukocytosis	Marked
Nose	Olfactory Epi	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: PCOD = HEMORRHAGE OF LIVER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8016

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain		Mineralization	Mild
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-4			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8017

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Brain		Mineralization	Mild
Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 2-9		
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC	TGLs = 1-3		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8018

TRT#: 5

SEX: Male

DAY ON TEST: 538

DOSE: 3.0MG/M3 MALE

DISP: Moribund

HISTO: 8610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney	Renal Tubule	Dilatation Hemorrhage	Moderate Focal, Mild
Note: CAUSE OF DEATH PROBABLY DUE TO URETERAL OBSTRUCTION			
Note: LEADING TO DILATION OF RENAL TUBULES AND RENAL FAILURE.			
[Dilatation TGLS = 3-5+10]			
[Hemorrhage TGLS = 4-10]			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-4]			
Skin		Inflammation	Necrotizing, Moderate
[Inflammation TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8019

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Brain		Infiltration Cellular	Lymphocyte, Mild
		Mineralization	Minimal
Kidney	Renal Tubule	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8020

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Gland - Medulla	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain		Mineralization	Mild
Intestine Small	Jejunum	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 2-6			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Focal, Mild
Nose	Olfactory Epi	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8021

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Liver		Hemangiosarcoma	
Note: HEMANGIOSARC	TGLs = 3-4		
Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Focal, Mild
		Inflammation	Subacute, Moderate
Note: ALV BRON CARC	TGLs = 2-10		
Note: INFLAMMATION	TGLs = 1-3		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8022

TRT#: 5

SEX: Male

DAY ON TEST: 604

DOSE: 3.0MG/M3 MALE

DISP: Moribund

HISTO: 9067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain		Mineralization	Mild
Kidney	Renal Tubule	Degeneration	Moderate
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3-10			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Moderate
Note: ALV BRON CARC TGLs = 4-3			
Lymph Node	Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
		Inflammation	Suppurative, Mild
Preputial Gland		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8023

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Brain		Mineralization	Minimal
Intestine Small	Ileum	Amyloid Deposition	Moderate
Lung		Hemorrhage	Focal, Mild
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Skin		Alopecia	Minimal

Note: ALOPECIA TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8024

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Pituitary Gland
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Prostate
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Pancreas
Skin
Testes

MISSING

Gallbladder

Mammary Gland

Parathyroid Gland

Thymus

OBSERVATIONS

Brain
Lung
Nose

Olfactory Epi

Mineralization
Hemorrhage
Degeneration

Mild
Focal, Mild
Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8025

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
Brain		Mineralization	Mild
Kidney		Lymphoma Malignant Mixed	
Lung		Lymphoma Malignant Mixed	
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Mild
Stomach	Glandular	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8026

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Brain		Mineralization	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Nose	Olfactory Epi	Metaplasia	Focal, Minimal
Spleen		Hyperplasia	Lymphoid, Minimal

Note: HYPERPLASIA TGLs = 1-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8027

TRT#: 5

DOSE: 3.0MG/M3 MALE

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 741

HISTO: 10369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Spleen	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Kidney	Pelvis	Inflammation	Chronic, Mild
Liver		Hepatocellular Carcinoma	
Note: GALL BLADDER NOT INVOLVED IN LIVER TUMOR. [Hepatocellular Carcinoma TGLS = 3-4,11+12]			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Preputial Gland		Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 2-13			
Skin		Alopecia	Mild
Note: ALOPECIA TGLs = 1-10			
Stomach	Glandular	Hyperplasia	Mild
	Forestomach	Inflammation	Subacute, Mild
	Forestomach	Ulcer	Mild
Note: ULCER TGLs = 4-8			
Note: HYPERPLASIA TGLs = 5-8			
Note: INFLAMMATION TGLs = 4-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8028

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Bronchial	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Thymus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Diffuse, Minimal
Kidney	Pelvis	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 2-5]			
Liver		Infarct	Marked
Note: AS OK'D BY DR. GIDDENS.			
Note: TORSION NOT AVAILABLE AS MORPHOLOGY WILL USE INFARCT			
Note: INFARCT TGLs = 1-10			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8029

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Brain	Meninges	Hyperplasia	Lymphoid, Minimal
Kidney	Renal Tubule	Regeneration	Focal, Mild
Nose	Olfactory Epi	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8030

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Prostate
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Bronchial
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Skin
Testes

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Pituitary Gland
Spleen
Thyroid Gland

MISSING

Lymph Node - Mandibular

Mammary Gland

Parathyroid Gland

Thymus

OBSERVATIONS

Brain
Liver
 Note: [HEPATOCLR CARC] TGLs = 2-4+10
Lung
 Note: ALV BRON CARC TGLs = 1-3
Nose

Olfactory Epi

Mineralization
Hepatocellular Carcinoma
Alveolar/Bronchiolar Carcinoma
Degeneration

Minimal
Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8031

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Liver Hepatocellular Adenoma

Note: ONLY ONE LIVER LESION SEEN.

[Hepatocellular Adenoma TGLS = 1-4+10]

Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8032

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
Stomach	Forestomach	Hyperkeratosis	Moderate

[Hyperkeratosis TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8033

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Nose
Prostate
Stomach - Forestomach
Thyroid Gland

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Pancreas
Salivary Glands
Stomach - Glandular
Trachea

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Parathyroid Gland
Skin
Testes
Urinary Bladder

Brain
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Pituitary Gland
Spleen
Thymus

MISSING

Adrenal Gland - Medulla

Mammary Gland

OBSERVATIONS

Lung [Alveolar/Bronchiolar Adenoma TGLS = 1-3] Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8034

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Nose	Olfactory Epi	Metaplasia	Focal, Minimal
Tooth		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8035

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Brain		Mineralization	Mild
Liver	Bile Duct	Cyst	Mild
Note: CYST	TGLs = 2-10		
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 1-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8036

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Kidney	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Islets, Pancreatic	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Moderate
Brain		Mineralization	Minimal
Nose	Olfactory Epi	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8037

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Cortex	Hypertrophy	Focal, Minimal
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Skin		Alopecia	Mild
Note: ALOPECIA	TGLs = 1-10		
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-11		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8038

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Gallbladder	Mammary Gland
Thymus			

OBSERVATIONS

Heart Note: THROMBUS TGLs = 2-4	Atrium	Thrombosis	Marked
Kidney	Renal Tubule Renal Tubule	Casts Degeneration	Moderate Moderate
Liver Note: HEPATOCLR CARC TGLs = 4-10		Hepatocellular Carcinoma	
Lung Note: INFLAMMATION TGLs = 3-3	Alveolar Epith	Hepatocellular Carcinoma Hyperplasia Inflammation	Metastatic (Liver) Moderate Subacute, Moderate
Nose	Olfactory Epi	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8039

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Brain		Mineralization	Moderate
Kidney	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-10			
Lung		Congestion	Mild
Note: CONGESTION TGLs = 3-3			
Mesentery			
Note: WET TISSUE RE-EXAMINED AND RECUTS EXAMINED ON BLOCK 11			
Note: FOR MASS IN MESENTERY, NONE FOUND.			
Note: TISSUE ON SLIDE 11 IS EPIDIDYMIS.			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8040

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
Brain		Mineralization	Mild
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: ALV BRON ADEN TGLs = 1-3			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8041

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Brain		Mineralization	Mild
Nose	Olfactory Epi	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8042

TRT#: 5

SEX: Male

DAY ON TEST: 724

DOSE: 3.0MG/M3 MALE

DISP: Moribund

HISTO: 9904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland	Thymus
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OBSERVATIONS

Brain		Mineralization	Minimal
Kidney	Pelvis	Inflammation	Chronic, Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-11+12			
Lung	Alveolar Epith	Hyperplasia	Mild
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Preputial Gland		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 3-10			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8043

TRT#: 5

SEX: Male

DAY ON TEST: 225

DOSE: 3.0MG/M3 MALE

DISP: Dead

HISTO: 6133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Kidney
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Liver
Pancreas
Skin
Testes

Bone
Heart
Intestine Small - Ileum
Lung
Pituitary Gland
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Bronchial
Prostate
Stomach - Forestomach
Trachea

MISSING

Gallbladder
Parathyroid Gland

Intestine Large - Cecum
Thymus

Larynx

Mammary Gland

OBSERVATIONS

Nose

Olfactory Epi

Degeneration
Inflammation

Hyaline, Mild
Suppurative, Marked

Note: INFLAMMATION TGLs = 1-2

PRIMARY CAUSE OF DEATH

-

Animal Note: PCOD IS SINUSITIS AND RHINITIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8044

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Lung
Pancreas
Skin
Testes

Bone
Gallbladder
Intestine Large - Rectum
Kidney
Lymph Node - Bronchial
Pituitary Gland
Spleen
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Larynx
Lymph Node - Mandibular
Prostate
Stomach - Forestomach
Urinary Bladder

Epididymis
Intestine Large - Cecum
Intestine Small - Jejunum
Liver
Nose
Salivary Glands
Stomach - Glandular

MISSING

Mammary Gland

Parathyroid Gland

Thymus

OBSERVATIONS

Adrenal Gland
Brain
Intestine Small
Thyroid Gland

Cortex
Peyers Patch
Follicular Cel

Hypertrophy
Mineralization
Hyperplasia
Adenoma

Focal, Mild
Mild
Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8045

TRT#: 5

SEX: Male

DAY ON TEST: 740

DOSE: 3.0MG/M3 MALE

DISP: Moribund

HISTO: 10038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Brain	Mineralization	Mild
Harderian Gland	Adenoma	
	Carcinoma	
Note: [CARCINOMA] TGLs = 2-10		
Note: [ADENOMA] TGLs = 2-9		
Liver	Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-11		
Lung	Alveolar/Bronchiolar Adenoma	
Nose	Olfactory Epi Degeneration	Hyaline, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8046

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Prostate
Stomach - Glandular
Trachea

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Salivary Glands
Testes

Bone Marrow
Heart
Intestine Small - Duodenum
Larynx
Parathyroid Gland
Skin
Thymus

Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pituitary Gland
Stomach - Forestomach
Thyroid Gland

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland
Brain
Kidney
Lung
 Note: [LYMPH MAL MIXD] TGLs = 2-3
Lymph Node
Nose
Spleen
 Note: [LYMPH MAL MIXD] TGLs = 4-4
Urinary Bladder

Cortex

Bronchial
Olfactory Epi

Hypertrophy
Mineralization
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed

Hyperplasia
Degeneration
Lymphoma Malignant Mixed

Lymphoma Malignant Mixed

Focal, Minimal
Minimal

Lymphoid, Moderate
Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8047

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Pancreas
Skin
Testes
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Pituitary Gland
Spleen
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Prostate
Stomach - Forestomach
Thyroid Gland

MISSING

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Brain
Nose

Olfactory Epi

Mineralization
Degeneration

Mild
Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8048

TRT#: 5

SEX: Male

DAY ON TEST: 741

DOSE: 3.0MG/M3 MALE

DISP: Terminal Sacrifice

HISTO: 10387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Prostate
Stomach - Forestomach
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Pancreas
Salivary Glands
Stomach - Glandular
Trachea

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Parathyroid Gland
Skin
Testes
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Pituitary Gland
Spleen
Thymus

MISSING

Mammary Gland

OBSERVATIONS

Brain
Nose

Olfactory Epi

Mineralization
Degeneration

Mild
Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8049

TRT#: 5

SEX: Male

DAY ON TEST: 545

DOSE: 3.0MG/M3 MALE

DISP: Moribund

HISTO: 8631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Diffuse, Mild
Intestine Large	Rectum	Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-11]			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2,3-4+11			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8050

TRT#: 5

SEX: Male

DAY ON TEST: 510

DOSE: 3.0MG/M3 MALE

DISP: Dead

HISTO: 8395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Pituitary Gland
Spleen
Thymus

Bone
Gallbladder
Intestine Small - Duodenum
Lymph Node - Mandibular
Prostate
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Ileum
Nose
Salivary Glands
Stomach - Glandular
Trachea

Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Pancreas
Skin
Testes
Urinary Bladder

MISSING

Adrenal Gland - Medulla
Parathyroid Gland

Intestine Large - Cecum

Lymph Node - Bronchial

Mammary Gland

OBSERVATIONS

Brain
Kidney
Liver
Note: HEPATOCLR CARC TGLs = 1-10
Lung

Renal Tubule

Mineralization
Casts
Hepatocellular Carcinoma
Congestion

Moderate
Mild
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9301

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Pancreas
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lung
Pituitary Gland
Spleen
Thymus

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Prostate
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Nose
Salivary Glands
Stomach - Glandular
Trachea

MISSING

Gallbladder

Lymph Node - Mandibular

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Brain

Mineralization

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9302

TRT#: 1

SEX: Male

DAY ON TEST: 708

DOSE: CONTROL MALE

DISP: Dead

HISTO: 9660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Stomach - Forestomach
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Liver			
Note: LIVER FOCUS IS AN AREA OF AUTOLYSIS.			
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC	TGLs = 1-11		
Spleen		Hemangiosarcoma	Metastatic (Skin)
Note: HEMANGIOSARC	TGLs = 2-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9303

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Bronchial
Parathyroid Gland
Skin
Thyroid Gland

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pituitary Gland
Spleen
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Larynx
Nose
Prostate
Testes
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Salivary Glands
Thymus

MISSING

Gallbladder

Mammary Gland

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland
Kidney
Liver

Cortex

Hypertrophy
Inflammation
Hepatocellular Adenoma
Hepatocellular Carcinoma

Focal, Mild
Chronic, Focal, Marked

[Hepatocellular Adenoma TGLS = 1-4]

[Hepatocellular Carcinoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9304

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Mandibular	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Brain		Mineralization	Moderate
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-11		
Note: LYMPH MAL MIXD	TGLs = 2-10		
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 1-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9305

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Prostate
Stomach - Forestomach
Trachea

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Larynx
Pancreas
Skin
Testes

Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pituitary Gland
Spleen
Thyroid Gland

MISSING

Lymph Node - Bronchial

Mammary Gland

Parathyroid Gland

Thymus

OBSERVATIONS

Adrenal Gland
Brain
Kidney
Lymph Node

Cortex
Renal Tubule
Mandibular

Hypertrophy
Mineralization
Regeneration
Hyperplasia

Focal, Mild
Mild
Minimal
Lymphoid, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9306

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Pancreas
Spleen
Thymus

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Pituitary Gland
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Prostate
Stomach - Glandular
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Nose
Salivary Glands
Testes
Urinary Bladder

MISSING

Adrenal Gland - Medulla

Gallbladder

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Lung
Skin

Alveolar Epith
Subcut Tiss

Hyperplasia
Inflammation

Mild
Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9307

TRT#: 1

SEX: Male

DAY ON TEST: 610

DOSE: CONTROL MALE

DISP: Dead

HISTO: 9087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain		Mineralization	Mild
Preputial Gland	Duct	Dilatation	Mild
Note: DILATATION	TGLs = 1-11		
Spleen		Hematopoietic Cell Proliferation	Mild
Testes		Hemangioma	
Note: HEMANGIOMA	TGLs = 5-10		

PRIMARY CAUSE OF DEATH

-

Animal Note: TO POSTMORTEM CHANGE, I BELIEVE.

Animal Note: MOTTILING AND PALENESS OF LIVER AND KIDNEYS DUE TO

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9308

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Pancreas
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pituitary Gland
Spleen
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Prostate
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Trachea

MISSING

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Brain
Liver
Note: HEPATOCLR CARC TGLs = 1-2
Nose

Respirat Epith

Mineralization
Hepatocellular Carcinoma
Degeneration

Mild
Hyaline, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9309

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Stomach - Forestomach
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Brain		Mineralization	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 2-10			
Preputial Gland	Duct	Dilatation	Moderate
Note: DILATATION TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9310

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Stomach	Glandular	Hyperplasia	Mild

Note: HYPERPLASIA TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9311

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Brain		Mineralization	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 1-3		
Nose	Olfactory Epi	Metaplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9312

TRT#: 1

SEX: Male

DAY ON TEST: 686

DOSE: CONTROL MALE

DISP: Dead

HISTO: 9524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Pancreas
Skin
Thymus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pituitary Gland
Spleen
Thyroid Gland

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Prostate
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

MISSING

Lymph Node - Bronchial

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Brain
Liver
 Note: HEPATOCLR ADEN TGLs = 2-10
Testes

Mineralization
Hepatocellular Adenoma

Atrophy

Mild

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9313

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Salivary Glands
Testes

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Pituitary Gland
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Larynx
Lymph Node - Mandibular
Prostate
Stomach - Glandular
Urinary Bladder

MISSING

Mammary Gland

Thymus

OBSERVATIONS

Brain
Kidney
Nose
Skin

Renal Tubule
Olfactory Epi

Mineralization
Regeneration
Metaplasia
Alopecia

Mild
Minimal
Focal, Mild
Mild

Note: ALOPECIA TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9314

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Kidney

Larynx

Liver

Lymph Node - Bronchial

Lymph Node - Mandibular

Nose

Pancreas

Pituitary Gland

Prostate

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Lung

Inflammation

Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9315

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Mandibular	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain		Mineralization	Moderate
Lung		Alveolar/Bronchiolar Adenoma	
Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9316

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Prostate	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Brain		Mineralization	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-10			
Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9317

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland	Prostate	Thymus
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OBSERVATIONS

Brain		Mineralization	Mild
Liver		Focal Cellular Change	Mild
Lung		Inflammation	Subacute, Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-10			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9318

TRT#: 1

SEX: Male

DAY ON TEST: 352

DOSE: CONTROL MALE

DISP: Dead

HISTO: 6647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Bronchial	Pancreas
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 3-5		
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
Pituitary Gland		Cyst	
Preputial Gland		Inflammation	Chronic, Moderate
Note: INFLAMMATION	TGLs = 1-10		
Urinary Bladder		Dilatation	Marked
Note: DILATATION	TGLs = 2-8		

PRIMARY CAUSE OF DEATH

-

Animal Note: PCOD=BLADDER DISTENDED, OBSTRUCTED BY INFLAMMATION OF

Animal Note: PREPUTIAL GLAND.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9319

TRT#: 1

SEX: Male

DAY ON TEST: 409

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 7130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Hyperplasia	Neutrophil, Marked
Brain		Mineralization	Mild
Heart	Artery	Inflammation	Subacute, Mild
Kidney		Bacterium	Acute, Marked
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 5-4			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 4-3	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 6-7			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Mild
Skel Muscle			
Note: AND SBCUTIS.			
Note: LESION ABSEVED GROSSLY IN THIGH MUSCLE ID ACTUALLY SKIN			
Skin		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 2-10			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 1-4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9319

TRT#: 1

SEX: Male

DAY ON TEST: 409

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 7130

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9320

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mandibular	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Gland - Medulla	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain		Mineralization	Moderate
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-4			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Subacute, Marked
Note: ALV BRON CARC TGLs = 3-10			
Lymph Node	Bronchial, Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Preputial Gland		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9321

TRT#: 1

SEX: Male

DAY ON TEST: 551

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 8647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Nose
Salivary Glands
Testes
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pancreas
Spleen
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Pituitary Gland
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Prostate
Stomach - Glandular
Trachea

MISSING

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Brain
Liver
Note: [HISTIO SARC] TGLs = 1,2,3-4+10+11+12

Mineralization
Histiocytic Sarcoma

Mild
Metastatic (Skin)

Skin
Note: [HISTIO SARC] TGLs = 4-7
Subcut Tiss

Histiocytic Sarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9322

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Parathyroid Gland
Stomach - Forestomach
Thyroid Gland

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Pituitary Gland
Stomach - Glandular
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Prostate
Testes
Urinary Bladder

Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Pancreas
Salivary Glands
Thymus

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow
Brain
Liver
 Note: [HEMANGIOSARC] TGLs = 4,5-10
Nose
Skin
 Note: ALOPECIA TGLs = 1-11
Spleen
 Note: HEMANGIOSARC TGLs = 3-4
Tooth

Olfactory Epi

Hemangiosarcoma
Mineralization
Hemangiosarcoma
Metaplasia
Alopecia
Hemangiosarcoma
Inflammation

Metastatic (Spleen)
Mild
Metastatic (Spleen)
Focal, Minimal
Mild
Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9323

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Brain		Mineralization	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9324

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Liver		Hemangiosarcoma	
Note: HEMANGIOSARC	TGLs = 1-10		
Lung	Alveolar Epith	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9325

TRT#: 1

SEX: Male

DAY ON TEST: 699

DOSE: CONTROL MALE

DISP: Dead

HISTO: 9558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Mammary Gland

OBSERVATIONS

Kidney	Fibrosis	Focal, Moderate
Liver	Congestion	Marked
[Congestion TGLS = 1-4]		
Preputial Gland	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 2-10		
Prostate	Inflammation	Suppurative, Mild
Spleen	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-4]		
Urinary Bladder	Inflammation	Subacute, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9326

TRT#: 1

SEX: Male

DAY ON TEST: 578

DOSE: CONTROL MALE

DISP: Dead

HISTO: 8714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Parathyroid Gland
Stomach - Forestomach
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Stomach - Glandular
Trachea

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Testes

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Pancreas
Spleen
Thymus

MISSING

Lymph Node - Bronchial

Lymph Node - Mandibular

OBSERVATIONS

Brain
Liver
 Note: HEPATOCLR CARC TGLs = 3-11
Lung
 Note: ALV BRON ADEN TGLs = 5-10
Prostate
Skin
 Note: INFLAMMATION TGLs = 1-12
Urinary Bladder
 Note: INFLAMMATION TGLs = 2-8

Mineralization
Hepatocellular Carcinoma
Alveolar/Bronchiolar Adenoma
Inflammation
Inflammation
Inflammation

Mild
Suppurative, Marked
Suppurative, Marked
Suppurative, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9327

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Brain		Mineralization	Mild
Liver			
Note: NO LESION SEEN IN LIVER OR IN RECUT.			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Marked
Note: HYPERPLASIA TGLs = 3-10			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9328

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Brain		Mineralization	Mild
Liver		Hepatocellular Adenoma	

Note: HEPATOCLR ADEN TGLs = 1,2-10+11

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9329

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Skin
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Hypertrophy	Focal, Mild
Brain		Mineralization	Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 2-10		
Preputial Gland		Inflammation	Suppurative, Moderate
Note: INFLAMMATION	TGLs = 1-11		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9330

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Mineralization	Minimal
Harderian Gland	Adenoma	
Note: ADENOMA TGLs = 2-10		
Lung	Congestion	Mild
Note: CONGESTION TGLs = 1-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9331

TRT#: 1

SEX: Male

DAY ON TEST: 573

DOSE: CONTROL MALE

DISP: Dead

HISTO: 8699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
	Medulla	Lymphoma Malignant Mixed	
Brain		Mineralization	Minimal
Liver		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 4-4+11			
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 2-6+10			
Note: [LYMPH MAL MIXD] TGLs = 3-2+3			
Nose		Lymphoma Malignant Mixed	
Pituitary Gland		Lymphoma Malignant Mixed	
Prostate		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9332 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 742
DOSE: CONTROL MALE **DISP:** Terminal Sacrifice **HISTO:** 10309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial	Mammary Gland	Skin
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OBSERVATIONS

Brain		Mineralization	Mild
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 6-4+10			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 5-3			
Lymph Node	Iliac	Lymphoma Malignant Undifferentiated Cell Type	
	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
	Renal	Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 2-11			
Note: [LYMPH MAL UNDF] TGLs = 3-12			
Note: [LYMPH MAL UNDF] TGLs = 4-13			
Nose	Respirat Epith	Degeneration	Hyaline, Mild
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 1-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9333

TRT#: 1

SEX: Male

DAY ON TEST: 606

DOSE: CONTROL MALE

DISP: Dead

HISTO: 9079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Gallbladder	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Liver Note: [HEPATOCLR CARC] TGLs = 2-10+11	Hepatocellular Carcinoma	Multiple
Lung	Hepatocellular Carcinoma Infiltration Cellular	Metastatic (Liver) Histiocyte, Moderate
Urinary Bladder	Concretion	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9334

TRT#: 1

SEX: Male

DAY ON TEST: 567

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 8683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pituitary Gland
Stomach - Forestomach
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Prostate
Stomach - Glandular
Trachea

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Salivary Glands
Testes
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Larynx
Parathyroid Gland
Spleen
Thymus

MISSING

Mammary Gland

OBSERVATIONS

Brain
Kidney
Lymph Node
Nose
Pancreas
Skin

Mandibular
Olfactory Epi
Duct
Subcut Tiss

Mineralization
Infiltration Cellular
Hyperplasia
Metaplasia
Cyst
Fibrosarcoma

Mild
Lymphocyte, Moderate
Lymphoid, Moderate
Focal, Mild
Moderate

Note: [FIBROSARC] TGLs = 1-10+11+12

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9335

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pituitary Gland
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Prostate
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Salivary Glands
Testes
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Pancreas
Skin
Thymus

MISSING

Gallbladder

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Brain
Liver

Note: HEPATOCLR ADEN TGLs = 2-11

Nose

Preputial Gland

Note: DILATATION TGLs = 1-10

Stomach

Note: CYST TGLs = 3-12

Mineralization
Hepatocellular Adenoma

Mild

Inflammation
Dilatation

Suppurative, Minimal
Marked

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9336

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Kidney

Larynx

Lung

Lymph Node - Bronchial

Lymph Node - Mandibular

Nose

Pancreas

Pituitary Gland

Prostate

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Liver

Hepatocellular Adenoma

[Hepatocellular Adenoma TGLS = 2-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9337

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Kidney

Larynx

Liver

Lymph Node - Bronchial

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Lymph Node - Mandibular

Mammary Gland

OBSERVATIONS

Lung

Alveolar Epith

Alveolar/Bronchiolar Carcinoma

Hyperplasia

Focal, Mild

[Alveolar/Bronchiolar Carcinoma TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9338

TRT#: 1

SEX: Male

DAY ON TEST: 689

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 9537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Liver	Hepatocellular Carcinoma Infarct	Marked
Note: INFARCT TGLs = 3-4+11 Note: HEPATOCLR CARC TGLs = 5-10		
Lymph Node	Mandibular Lymphoma Malignant Mixed	
Note: ENLARGED LYMPHNODE SEEN GROSSLY IS PROBABLY MANDIBULAR Note: RATHER THAN BRONCHIAL.		
Preputial Gland	Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-12		
Spleen	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9339

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Brain		Mineralization	Mild
Kidney	Pelvis	Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 5,6-5+13			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Minimal
Preputial Gland		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 2-11			
Seminal Vesicle		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 3-12			
Skin	Subcut Tiss	Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 1,7-2+10			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9340

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Bronchial
Pituitary Gland
Spleen
Thymus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Prostate
Stomach - Forestomach
Thyroid Gland

Bone
Heart
Intestine Small - Duodenum
Kidney
Nose
Salivary Glands
Stomach - Glandular
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Pancreas
Skin
Testes
Urinary Bladder

MISSING

Gallbladder

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Brain
Liver

Mineralization
Hepatocellular Adenoma
Hepatocellular Carcinoma

Mild

Note: HEPATOCLR ADEN TGLs = 2-4+10

Note: HEPATOCLR CARC TGLs = 1-10

Lung

Alveolar Epith

Alveolar/Bronchiolar Adenoma
Hyperplasia
Inflammation

Mild

Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9341

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Mild
Kidney	Renal Tubule	Regeneration	Focal, Mild
Lung		Alveolar/Bronchiolar Carcinoma	

[Alveolar/Bronchiolar Carcinoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9342

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Skin
Testes
Urinary Bladder

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Bronchial
Pituitary Gland
Spleen
Thymus

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Prostate
Stomach - Forestomach
Thyroid Gland

Brain
Heart
Intestine Small - Duodenum
Larynx
Nose
Salivary Glands
Stomach - Glandular
Trachea

MISSING

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Adrenal Gland
Kidney
Lung

Cortex

Hyperplasia
Metaplasia
Alveolar/Bronchiolar Adenoma

Focal, Minimal
Osseous, Moderate
Multiple

Note: DIAPHRAGMATIC LOBE.

Note: ONE TUMOR IS IN THE CARDIAC LOBE, THE OTHER IS IN THE

Note: PLUERAL CAVITY AND ASSUMED TO HAVE ARISEN FROM THE

[Alveolar/Bronchiolar Adenoma TGLS = 1,2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9343

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Dead

DAY ON TEST: 630
HISTO: 9300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain		Mineralization	Mild
Kidney	Pelvis	Inflammation	Chronic, Moderate
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 5-10			
Preputial Gland	Duct	Hyperplasia	Marked
Note: CHANGED TO HYPERPLASIA.			
Note: HYPERKERATOSIS DX NOT AVAILABLE FOR PREPUTIAL GLAND;			
Note: HYPERPLASIA TGLs = 1-12			
Seminal Vesicle		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 3-11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9344

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Brain		Mineralization	Mild
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-10			
Lung	Alveolar Epith	Hyperplasia	Moderate
Preputial Gland	Duct	Dilatation	Moderate
Note: DILATATION TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9345

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Lung	Pleura	Inflammation	Subacute, Mild

Note: INFLAMMATION TGLs = 1-3
Note: AND RECUTS.
Note: NO LUNG LESION SEEN AFTER RE-EXAMINATION OF WET TISSUE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9346

TRT#: 1

SEX: Male

DAY ON TEST: 709

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 9705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone		Osteosarcoma	
Note: OSTEOSARC	TGLs = 4-11		
Lung		Alveolar/Bronchiolar Carcinoma	
		Osteosarcoma	Metastatic (Bone)
Note: ALV BRON CARC	TGLs = 6-3		
[Alveolar/Bronchiolar Carcinoma	TGLS = 5-3]		
Nose	Olfactory Epi	Metaplasia	Focal, Mild
Preputial Gland	Duct	Dilatation	Moderate
Note: DILATATION	TGLs = 2-10		
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-4		
Thymus		Osteosarcoma	Metastatic (Bone)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9347

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 10319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 6,7-10+11			
Lung		Alveolar/Bronchiolar Adenoma	
		Congestion	Moderate
Note: ALV BRON ADEN TGLs = 2-3			
Note: CONGESTION TGLs = 4-3			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-12			
Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Focal, Mild
Skin		Alopecia	Moderate
Note: ALOPECIA TGLs = 1-2			
Spleen		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9348

TRT#: 1

SEX: Male

DAY ON TEST: 708

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 9661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3-10			
Lung		Inflammation	Subacute, Moderate
Note: SUBCHRONIC NOT AVAILABLE AS QUALIFIER, I CODED IT AS			
Note: SUBACUTE.			
[Inflammation TGLS = 5-3]			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-12			
Note: LYMPH MAL MIXD TGLs = 2-7			
Preputial Gland	Duct	Dilatation	Moderate
Note: LESION OBSERVED ON PENIS IS ACTUALLY PREPUTIAL GLAND.			
Note: DILATATION TGLs = 1-11			
Stomach	Glandular	Hyperplasia	Moderate
	Forestomach	Inflammation	Subacute, Moderate
Note: HYPERPLASIA TGLs = 7-8			
Note: INFLAMMATION TGLs = 6-8			
Note: SUBCHRONIC NOT AVAILABLE AS QUALIFIER, USED SUBACUTE.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9348

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 708
HISTO: 9661

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9349

TRT#: 1

SEX: Male

DAY ON TEST: 635

DOSE: CONTROL MALE

DISP: Dead

HISTO: 9310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland	Thymus	Thyroid Gland
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OBSERVATIONS

Harderian Gland		Adenoma	
[Adenoma TGLS = 6-9+10]			
Kidney			
Note: PALENESS OF KIDNEY PROBABLY AUTOLYSIS.			
Liver		Hepatocellular Carcinoma	
		Necrosis	Marked
[Hepatocellular Carcinoma TGLS = 3-11]			
[Necrosis TGLS = 4-4]			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 7-3]			
Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-12]			
Spleen		Hemangiosarcoma	Metastatic (Skin)
Note: HEMANGIOSARC TGLs = 2-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9350

TRT#: 1

SEX: Male

DAY ON TEST: 570

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 8690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Kidney

Larynx

Lymph Node - Mandibular

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Lymph Node - Bronchial

Mammary Gland

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Note: HEPATOCLR CARC TGLs = 1-10

Lung

Hepatocellular Carcinoma

Metastatic (Liver)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7051

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10455

OBSERVATIONS

Lymph Node [Hyperplasia TGLS = 2-3]	Bronchial	Hyperplasia	Lymphoid, Moderate
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Pituitary Gland		Hyperplasia	Marked
		Pigmentation	Moderate
Spleen [Hyperplasia TGLS = 1-4]		Hyperplasia	Lymphoid, Moderate
Stomach [Hyperplasia TGLS = 3-8]	Forestomach	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7052

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10456

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Pituitary Gland

OBSERVATIONS

Ovary

Cyst

Moderate

Mineralization

Moderate

Pigmentation

Marked

[Pigmentation TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7053

TRT#: 4

SEX: Female

DAY ON TEST: 465

DOSE: 1.5MG/M3 FEMALE

DISP: Moribund

HISTO: 7885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Islets, Pancreatic
Lymph Node - Bronchial
Pancreas
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Kidney
Lymph Node - Mandibular
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Gallbladder
Intestine Large - Rectum
Larynx
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small
Liver
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Lung
Nose

Respirat Epith

Osteosarcoma
Degeneration

Metastatic (Uncertain Primary Site)
Hyaline, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7054

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10457

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Pituitary Gland

OBSERVATIONS

Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Focal, Mild
Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7055

TRT#: 4

SEX: Female

DAY ON TEST: 693

DOSE: 1.5MG/M3 FEMALE

DISP: Moribund

HISTO: 11592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 6-10			
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-3			
[Lymphoma Malignant Mixed TGLS = 1-7]			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
		Inflammation	Suppurative, Moderate
Skin		Alopecia	Mild
		Inflammation	Necrotizing, Marked
Note: ALOPECIA TGLs = 5-2			
Note: INFLAMMATION TGLs = 2-11			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-4			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7056

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10458

OBSERVATIONS

Nose

Olfactory Epi

Degeneration

Hyaline, Minimal

Respirat Epith

Degeneration

Hyaline, Mild

Pituitary Gland

Hyperplasia

Moderate

Skin

Sebaceous GI

Hyperplasia

Mild

Inflammation

Chronic, Mild

Note: INFLAMMATION TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7057

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pituitary Gland

OBSERVATIONS

Lymph Node

Bronchial

Lymphoma Malignant Mixed

Mesenteric

Lymphoma Malignant Mixed

[Lymphoma Malignant Mixed TGLS = 3-10]

[Lymphoma Malignant Mixed TGLS = 2-3]

Nose

Olfactory Epi

Degeneration

Hyaline, Mild

Olfactory Epi

Metaplasia

Focal, Mild

Skin

Alopecia

Mild

[Alopecia TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7058

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10460

OBSERVATIONS

Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
Pituitary Gland		Adenoma	
Stomach	Forestomach	Hyperkeratosis	Moderate
Note: HYPERKERATOSIS TGLs = 2-8			
Uterus	Endometrium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7059

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pituitary Gland

OBSERVATIONS

Intestine Small

Jejunum

Inflammation

Suppurative, Moderate

Jejunum

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 4-11

Lymph Node

Mesenteric

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 5-10

Nose

Olfactory Epi

Degeneration

Hyaline, Moderate

Respirat Epith

Degeneration

Hyaline, Mild

Olfactory Epi

Metaplasia

Focal, Minimal

Ovary

Cyst

Minimal

Note: CYST TGLs = 2-8

Skin

Alopecia

Mild

Note: ALOPECIA TGLs = 1-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7060

TRT#: 4

SEX: Female

DAY ON TEST: 504

DOSE: 1.5MG/M3 FEMALE

DISP: Dead

HISTO: 8301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Skin
Thyroid Gland

Adrenal Gland - Medulla
Gallbladder
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Ileum
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Salivary Glands
Thymus
Uterus

OBSERVATIONS

Brain
Kidney
Liver
 Note: [LYMPH MAL HIST] TGLs = 2-4
Lung
Lymph Node
Nose
Spleen
 Note: [LYMPH MAL HIST] TGLs = 1-4

Renal Tubule

Bronchial
Olfactory Epi

Hemorrhage
Degeneration
Lymphoma Malignant Histiocytic

Lymphoma Malignant Histiocytic
Lymphoma Malignant Histiocytic
Degeneration
Lymphoma Malignant Histiocytic

Acute, Multifocal, Marked
Hyaline, Marked

Hyaline, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7061	TRT#: 4	SEX: Female	DAY ON TEST: 744
	DOSE: 1.5MG/M3 FEMALE	DISP: Terminal Sacrifice	HISTO: 10462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

OBSERVATIONS

Kidney		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-5]			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-10]		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-4+10]			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-12]			
[Lymphoma Malignant Mixed TGLS = 8-7]			
[Lymphoma Malignant Mixed TGLS = 5-11]			
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Mild
Parathyroid Gland			
Note: TISSUE THOUGHT TO BE PARATHYROID IS MALIGNANT LYMPHOMA.			
Pituitary Gland		Adenoma	
[Adenoma TGLS = 7-8]			
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-4]			
Thyroid Gland	Bilateral, Follicular Cel	Adenoma	
		Lymphoma Malignant Mixed	
Note: [ADENOMA] TGLs = 3-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7062	TRT#: 4	SEX: Female	DAY ON TEST: 744
	DOSE: 1.5MG/M3 FEMALE	DISP: Terminal Sacrifice	HISTO: 10463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pituitary Gland

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-3]		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7063

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10464

OBSERVATIONS

Nose

Olfactory Epi
Respirat Epith

Degeneration
Degeneration
Adenocarcinoma

Hyaline, Mild
Hyaline, Mild

Ovary

Note: ADENOCARC TGLs = 1-10

Pituitary Gland

Pars Intermed

Adenoma
Hematopoietic Cell Proliferation
Inflammation

Moderate
Suppurative, Mild

Spleen

[Inflammation TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7064

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pituitary Gland

OBSERVATIONS

Nose

Olfactory Epi

Degeneration

Hyaline, Moderate

Respirat Epith

Degeneration

Hyaline, Mild

Olfactory Epi

Metaplasia

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7065

TRT#: 4

DOSE: 1.5MG/M3 FEMALE

SEX: Female

DISP: Moribund

DAY ON TEST: 658

HISTO: 11593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 5-11		
Note: LYMPH MAL LYMP	TGLs = 3-5		
Note: LYMPH MAL LYMP	TGLs = 2-3		
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
Ovary		Lymphoma Malignant Lymphocytic	
Skin		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 4-2+10		
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 1-4		
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 6-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7066

TRT#: 4

SEX: Female

DAY ON TEST: 539

DOSE: 1.5MG/M3 FEMALE

DISP: Moribund

HISTO: 8615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Ovary	Thymus
-------	--------

OBSERVATIONS

Adrenal Gland	Cortex	Hepatocholangiocarcinoma	Metastatic (Liver)
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Brain		Mineralization	Mild
Gallbladder		Dilatation	Moderate
Note: DILATATION TGLs = 4-4			
Heart		Hepatocholangiocarcinoma	Metastatic (Liver)
Intestine Large	Colon	Inflammation	Chronic, Mild
	Rectum	Prolapse	Marked
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Note: PROLAPSE TGLs = 1-6			
Kidney		Hepatocholangiocarcinoma	Metastatic (Liver)
Note: [HEPATOCHOLCARC] TGLs = 5-5			
Liver		Hepatocholangiocarcinoma	
Note: [HEPATOCHOLCARC] TGLs = 2-10			
Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
Note: [HEPATOCHOLCARC] TGLs = 3-3			
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
Pancreas		Hepatocholangiocarcinoma	Metastatic (Liver)
Pituitary Gland		Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7066

TRT#: 4

SEX: Female

DAY ON TEST: 539

DOSE: 1.5MG/M3 FEMALE

DISP: Moribund

HISTO: 8615

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7067

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10466

OBSERVATIONS

Intestine Small

Jejunum

Lymphoma Malignant Undifferentiated Cell Type

Note: MALIGNANT LYMPHOMA.

Note: BOTH THE JEJUNUM AND THE "NODULE" ARE JEJUNUM WITH

Note: [LYMPH MAL UNDF] TGLs = 4,6-12

Liver

Lymphoma Malignant Undifferentiated Cell Type

Note: [LYMPH MAL UNDF] TGLs = 5-4

Lymph Node

Mandibular

Lymphoma Malignant Undifferentiated Cell Type

Mediastinal

Lymphoma Malignant Undifferentiated Cell Type

Mesenteric

Lymphoma Malignant Undifferentiated Cell Type

Note: [LYMPH MAL UNDF] TGLs = 7-7

Note: [LYMPH MAL UNDF] TGLs = 3-10

[Lymphoma Malignant Undifferentiated Cell Type TGLS = 2-11]

Nose

Olfactory Epi

Degeneration

Hyaline, Moderate

Respirat Epith

Degeneration

Hyaline, Mild

Olfactory Epi

Metaplasia

Focal, Minimal

Pituitary Gland

Hyperplasia

Minimal

Spleen

Lymphoma Malignant Undifferentiated Cell Type

Note: [LYMPH MAL UNDF] TGLs = 1-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7068

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10467

OBSERVATIONS

Intestine Small

Jejunum

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 8-6

Liver

Lymphoma Malignant Mixed

Lung

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 5-3+12

Lymph Node

Bronchial

Lymphoma Malignant Mixed

Mandibular

Lymphoma Malignant Mixed

Mesenteric

Lymphoma Malignant Mixed

Renal

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 6-11

[Lymphoma Malignant Mixed TGLS = 1-7]

[Lymphoma Malignant Mixed TGLS = 4-3]

[Lymphoma Malignant Mixed TGLS = 3-10]

Nose

Olfactory Epi

Degeneration

Hyaline, Mild

Respirat Epith

Degeneration

Hyaline, Minimal

Inflammation

Suppurative, Mild

Olfactory Epi

Metaplasia

Focal, Minimal

Pituitary Gland

Adenoma

Note: ADENOMA TGLs = 7-8

Spleen

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 2-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7069

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10468

OBSERVATIONS

Lung

Alveolar/Bronchiolar Adenoma

Thrombosis

Mild

[Alveolar/Bronchiolar Adenoma TGLS = 4-11]

Lymph Node

Mesenteric

Congestion

Marked

[Congestion TGLS = 3-10]

Nose

Olfactory Epi

Degeneration

Hyaline, Minimal

Respirat Epith

Degeneration

Hyaline, Minimal

Ovary

Cyst

Minimal

[Cyst TGLS = 1-7]

Pituitary Gland

Adenoma

[Adenoma TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7070

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pituitary Gland

OBSERVATIONS

Liver Hepatocellular Carcinoma

[Hepatocellular Carcinoma TGLS = 1-4+10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7071

TRT#: 4

DOSE: 1.5MG/M3 FEMALE

SEX: Female

DISP: Dead

DAY ON TEST: 716

HISTO: 11594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2,3-4		
Lung		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4-3		
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Focal, Minimal
Ovary		Mineralization	Mild
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 1-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7072	TRT#: 4	SEX: Female	DAY ON TEST: 744
	DOSE: 1.5MG/M3 FEMALE	DISP: Terminal Sacrifice	HISTO: 10470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Pituitary Gland
--------	-----------------

OBSERVATIONS

Lung		Inflammation	Granulomatous, Mild
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-3]		
	[Lymphoma Malignant Mixed TGLS = 1-10]		
	[Lymphoma Malignant Mixed TGLS = 3-11]		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 2-4]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7073

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10471

OBSERVATIONS

Nose

Olfactory Epi
Respirat Epith
Olfactory Epi

Degeneration
Degeneration
Metaplasia
Hyperplasia

Hyaline, Mild
Hyaline, Mild
Focal, Mild
Marked

Pituitary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7074

TRT#: 4

SEX: Female

DAY ON TEST: 640

DOSE: 1.5MG/M3 FEMALE

DISP: Moribund

HISTO: 9391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Pancreas	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Ovary		Cyst	Marked
		Cyst	Marked
Note: CYST	TGLs = 2-7		
Note: CYST	TGLs = 1-7		
Pituitary Gland		Hyperplasia	Moderate
Thyroid Gland		Inflammation	Chronic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7075

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10472

OBSERVATIONS

Lymph Node

Iliac

Lymphoma Malignant Mixed

Mediastinal

Lymphoma Malignant Mixed

Mesenteric

Lymphoma Malignant Mixed

Pancreatic

Lymphoma Malignant Mixed

Renal

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 4-12

[Lymphoma Malignant Mixed TGLS = 1-10]

[Lymphoma Malignant Mixed TGLS = 3-11]

[Lymphoma Malignant Mixed TGLS = 5-13]

[Lymphoma Malignant Mixed TGLS = 2-14]

Nose

Olfactory Epi

Degeneration

Hyaline, Moderate

Respirat Epith

Degeneration

Hyaline, Mild

Pituitary Gland

Hyperplasia

Minimal

Spleen

Lymphoma Malignant Mixed

[Lymphoma Malignant Mixed TGLS = 6-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7076

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10473

OBSERVATIONS

Nose	Olfactory Epi Respirat Epith Olfactory Epi	Degeneration Degeneration Metaplasia Adenoma	Hyaline, Mild Hyaline, Mild Focal, Mild
Pituitary Gland [Adenoma TGLS = 2-8]			
Skin [Hemangiosarcoma TGLS = 1-10]	Subcut Tiss	Hemangiosarcoma	
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7077

TRT#: 4

SEX: Female

DAY ON TEST: 692

DOSE: 1.5MG/M3 FEMALE

DISP: Dead

HISTO: 11595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Pancreas
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Mammary Gland
Skin
Thymus
Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Brain
Liver
Note: CYTOLOGC ALTER TGLs = 1-4
Nose

Olfactory Epi

Mineralization
Cytologic Alterations
Degeneration
Inflammation
Hyperplasia

Mild
Moderate
Hyaline, Mild
Suppurative, Mild
Moderate

Pituitary Gland
Note: HYPERPLASIA TGLs = 2-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7078

TRT#: 4

SEX: Female

DAY ON TEST: 581

DOSE: 1.5MG/M3 FEMALE

DISP: Dead

HISTO: 8758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Pituitary Gland

OBSERVATIONS

Liver		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Bronchial	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Popliteal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4-5+13		
Note: LYMPH MAL MIXD	TGLs = 7,8-15		
Note: LYMPH MAL MIXD	TGLs = 5-2+3		
Note: LYMPH MAL MIXD	TGLs = 6-14		
Note: LYMPH MAL MIXD	TGLs = 3-6+11+12		
Note: LYMPH MAL MIXD	TGLs = 1-10		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Salivary Glands		Hemorrhage	Mild
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 9-10		
Note: HEMORRHAGE	TGLs = 10-10		
Spleen		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7078

TRT#: 4

SEX: Female

DAY ON TEST: 581

DOSE: 1.5MG/M3 FEMALE

DISP: Dead

HISTO: 8758

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL MIXD TGLs = 2-4

Thymus

Lymphoma Malignant Mixed

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7079

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10474

OBSERVATIONS

Lung		Lymphoma Malignant Mixed	
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Marked
	Mandibular	Hyperplasia	Lymphoid, Marked
	[Hyperplasia TGLS = 5-3]		
	[Hyperplasia TGLS = 1-7]		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Mild
Ovary		Cyst	Mild
	Germinal Epith	Hyperplasia	Mild
	Note: [HYPERPLASIA] TGLs = 4-7		
	[Cyst TGLS = 3-7]		
Pituitary Gland		Hyperplasia	Moderate
Spleen		Lymphoma Malignant Mixed	
Uterus		Adenocarcinoma	
	Endometrium	Polyp Stromal	
	Note: POLYP STROMAL TGLs = 2-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7080

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pituitary Gland

OBSERVATIONS

Lung		Inflammation	Granulomatous, Minimal
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 1-10]		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
Ovary		Cyst	Mild
	[Cyst TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7081	TRT#: 4	SEX: Female	DAY ON TEST: 744
	DOSE: 1.5MG/M3 FEMALE	DISP: Terminal Sacrifice	HISTO: 10476

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Kidney		Hydronephrosis	Mild
	[Hydronephrosis TGLS = 4-5]		
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 3-10]		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Mild
Skin		Alopecia	Mild
	[Alopecia TGLS = 1-2]		
Uterus		Adenoma	
		Dilatation	Marked
		Leiomyoma	
	[Dilatation TGLS = 2-8]		
	[Leiomyoma TGLS = 6-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7082

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10477

OBSERVATIONS

Lung

[Alveolar/Bronchiolar Adenoma TGLS = 3-3]

Alveolar/Bronchiolar Adenoma

Nose

Pituitary Gland

[Adenoma TGLS = 2-8]

Spleen

[Lymphoma Malignant Lymphocytic TGLS = 1-4]

Inflammation

Adenoma

Suppurative, Minimal

Lymphoma Malignant Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7083

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10478

OBSERVATIONS

Nose

Olfactory Epi
Respirat Epith
Olfactory Epi

Degeneration
Degeneration
Metaplasia
Cyst

Hyaline, Mild
Hyaline, Mild
Focal, Minimal
Multiple

Ovary

Note: CYST TGLs = 1,2-7

Pituitary Gland

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7084

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10479

OBSERVATIONS

Lung

Nose

Ovary

[Cyst TGLS = 1-7]

Pituitary Gland

Olfactory Epi

Respirat Epith

Thrombosis

Degeneration

Degeneration

Cyst

Hyperplasia

Mild

Hyaline, Moderate

Hyaline, Mild

Mild

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7085

TRT#: 4

SEX: Female

DAY ON TEST: 661

DOSE: 1.5MG/M3 FEMALE

DISP: Dead

HISTO: 11596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Skin
Thymus
Uterus

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Pancreas
Spleen
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Adrenal Gland
Lung
Lymph Node
Nose

Ovary
Pituitary Gland

Cortex

Mediastinal
Olfactory Epi
Olfactory Epi

Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Degeneration
Metaplasia
Lymphoma Malignant Mixed
Adenoma

Hyaline, Mild
Focal, Minimal

Note: [ADENOMA] TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7086

TRT#: 4

SEX: Female

DAY ON TEST: 607

DOSE: 1.5MG/M3 FEMALE

DISP: Dead

HISTO: 9080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Mammary Gland	Parathyroid Gland
---------------	-------------------

OBSERVATIONS

Ovary	Adenoma	Mild
	Cyst	
Note: LESION SEEN IN OVARY ON GROSS AND UTERUS ON TRIM IS A		
Note: PAPILLARY ADENOMA. TISSUSE OF ORIGIN COULD BE OVARY,		
Note: OVIDUCT, OR ENDOMETRIUM.		
Note: ADENOMA TGLs = 1,2-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7087	TRT#: 4	SEX: Female	DAY ON TEST: 744
	DOSE: 1.5MG/M3 FEMALE	DISP: Terminal Sacrifice	HISTO: 10480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pancreas

OBSERVATIONS

Intestine Small Note: LYMPH MAL MIXD TGLs = 4-11	Jejunum	Lymphoma Malignant Mixed	
Lymph Node Note: HYPERPLASIA TGLs = 2-7	Mandibular	Hyperplasia	Lymphoid, Moderate
Nose	Olfactory Epi	Inflammation Metaplasia Adenoma	Suppurative, Mild Focal, Minimal
Pituitary Gland [Adenoma TGLS = 3-8]			
Spleen [Hyperplasia TGLS = 1-4+10]		Hyperplasia	Lymphoid, Moderate
Stomach Note: [ULCER] TGLs = 5-8	Epithelium, Forestomach Forestomach	Hyperplasia Ulcer	Mild Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7088

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10481

OBSERVATIONS

Lung [Alveolar/Bronchiolar Adenoma TGLS = 1-3] Alveolar/Bronchiolar Adenoma

Nose Olfactory Epi Degeneration Hyaline, Mild
Olfactory Epi Metaplasia Focal, Mild

Pituitary Gland Hyperplasia Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7089

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10482

OBSERVATIONS

Kidney

[Hemorrhage TGLS = 3-5]

Hemorrhage

Acute, Mild

Nose

Olfactory Epi

Degeneration

Hyaline, Mild

Pituitary Gland

Hyperplasia

Mild

Skin

Subcut Tiss

Alopecia

Mild

Mast Cell Tumor Malignant

[Alopecia TGLS = 1-2]

[Mast Cell Tumor Malignant TGLS = 2-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7090

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10483

OBSERVATIONS

Liver		Focal Cellular Change	Mild
[Focal Cellular Change TGLS = 3-10]			
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
Ovary		Cyst	Mild
Note: CYST	TGLs = 1-7		
Pituitary Gland		Adenoma	
[Adenoma TGLS = 2-8]			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: OF SQUAMOUS EPITHELIUM FROM FORESTOMACH PAPILLOMA.			
Note: LESSION IN GLANDULAR STOMACH IS SUBMUCOSAL PROLIFERATION			
[Squamous Cell Papilloma TGLS = 4,5-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7091

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node - Bronchial

OBSERVATIONS

Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Ovary		Hemangioma	
[Hemangioma TGLS = 2-7]			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin		Edema	Mild
Note: EDEMA	TGLs = 1-1+10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7092

TRT#: 4

SEX: Female

DAY ON TEST: 616

DOSE: 1.5MG/M3 FEMALE

DISP: Moribund

HISTO: 9104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Lung	Alveolar Epith	Hyperplasia Inflammation	Mild Subacute, Mild
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
Ovary Note: CYST TGLs = 3-7		Cyst	Moderate
Pituitary Gland		Hyperplasia	Moderate
Skin Note: HEMANGIOSARC TGLs = 1-11	Subcut Tiss	Hemangiosarcoma	
Spleen Note: HEMANGIOSARC TGLs = 6-10 Note: HEMA CELL PROL TGLs = 2-4		Hemangiosarcoma Hematopoietic Cell Proliferation	Metastatic (Skin) Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7093

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 0485

OBSERVATIONS

Nose

Olfactory Epi
Respirat Epith
Olfactory Epi

Degeneration
Degeneration
Metaplasia
Congestion
Hyperplasia

Hyaline, Mild
Hyaline, Minimal
Focal, Minimal
Mild
Moderate

Pituitary Gland

[Congestion TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7094

TRT#: 4

SEX: Female

DAY ON TEST: 693

DOSE: 1.5MG/M3 FEMALE

DISP: Moribund

HISTO: 11597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Mammary Gland	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-4			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 7-3			
[Lymphoma Malignant Mixed TGLS = 5-5]			
[Lymphoma Malignant Mixed TGLS = 8-10]			
[Lymphoma Malignant Mixed TGLS = 6-11]			
[Lymphoma Malignant Mixed TGLS = 1,2-7]			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
		Inflammation	Suppurative, Mild
Ovary		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7094

TRT#: 4

SEX: Female

DAY ON TEST: 693

DOSE: 1.5MG/M3 FEMALE

DISP: Moribund

HISTO: 11597

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 9-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7095

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10486

OBSERVATIONS

Nose

Olfactory Epi

Degeneration

Hyaline, Moderate

Respirat Epith

Degeneration

Hyaline, Mild

Olfactory Epi

Metaplasia

Focal, Mild

Ovary

Cyst

Minimal

[Cyst TGLS = 1-7]

Pituitary Gland

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7096

TRT#: 4

SEX: Female

DAY ON TEST: 384

DOSE: 1.5MG/M3 FEMALE

DISP: Dead

HISTO: 6948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Skin
Thymus
Uterus

Bone
Gallbladder
Intestine Small - Duodenum
Kidney
Ovary
Spleen
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Ileum
Larynx
Pancreas
Stomach - Forestomach
Trachea

MISSING

Lymph Node - Bronchial

Lymph Node - Mandibular

Parathyroid Gland

OBSERVATIONS

Liver
Note: SARCOMA TGLs = 3-10+11

Sarcoma

Lung
Note: SARCOMA TGLs = 1,2-3
Note: DX OF THIS LESION WAS OSTEOGENIC SARCOMA; NOT AVAILABLE
Note: IN TDMS SO ENTERED AS SARCOMA.

Sarcoma

Metastatic (Liver)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7097

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

Uterus

OBSERVATIONS

Lung

Infiltration Cellular

Lymphocyte, Mild

Note: INFILTRAT CELL TGLs = 4,5-3

Lymph Node

Bronchial

Hyperplasia

Lymphoid, Marked

Iliac

Hyperplasia

Lymphoid, Marked

Mandibular

Hyperplasia

Lymphoid, Marked

Note: HYPERPLASIA TGLs = 7-10

[Hyperplasia TGLS = 1-7]

Nose

Olfactory Epi

Degeneration

Hyaline, Mild

Respirat Epith

Degeneration

Hyaline, Mild

Pituitary Gland

Adenoma

[Adenoma TGLS = 8-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7098	TRT#: 4	SEX: Female	DAY ON TEST: 744
	DOSE: 1.5MG/M3 FEMALE	DISP: Terminal Sacrifice	HISTO: 10488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pituitary Gland

OBSERVATIONS

Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration Inflammation	Hyaline, Mild Hyaline, Mild Suppurative, Minimal
Skin [Alopecia TGLS = 1-2]		Alopecia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7099

TRT#: 4

SEX: Female

DAY ON TEST: 744

DOSE: 1.5MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10489

OBSERVATIONS

Adrenal Gland

Medulla

Hyperplasia

Moderate

Lung

Alveolar Epith

Hyperplasia

Minimal

Nose

Olfactory Epi

Degeneration

Hyaline, Minimal

Respirat Epith

Degeneration

Hyaline, Minimal

Olfactory Epi

Metaplasia

Focal, Minimal

Pituitary Gland

Adenoma

[Adenoma TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7100

TRT#: 4

SEX: Female

DAY ON TEST: 693

DOSE: 1.5MG/M3 FEMALE

DISP: Moribund

HISTO: 11598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Mild
Pituitary Gland		Hyperplasia	Mild
Spleen		Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 1-4			
Thyroid Gland	Follicular Cel	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8051

TRT#: 6

SEX: Female

DAY ON TEST: 704

DOSE: 3.0MG/M3 FEMALE

DISP: Dead

HISTO: 9642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 6-5		
Liver		Hepatocellular Adenoma	
		Necrosis	Moderate
Note: NECROSIS	TGLs = 5-4		
Note: HEPATOCLR ADEN	TGLs = 4-4+10		
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 1-7		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
		Inflammation	Suppurative, Mild
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-4		
Uterus	Endometrium	Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 7-11		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8052

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Thymus
Uterus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Pancreas
Spleen
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Adrenal Gland
Liver
Nose
Skin

Capsule
Olfactory Epi
Vulva

Adenoma
Inflammation
Degeneration
Alopecia
Papilloma

Subacute, Mild
Hyaline, Moderate
Minimal

Note: PAPILLOMA TGLs = 1-10
[Alopecia TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8053

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Mammary Gland
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Ovary
Spleen
Thyroid Gland

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Pancreas
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Brain
Nose

Pituitary Gland
Note: [HYPERPLASIA] TGLs = 1-8

Olfactory Epi
Respirat Epith

Mineralization
Degeneration
Degeneration
Inflammation
Hyperplasia

Minimal
Hyaline, Moderate
Hyaline, Mild
Suppurative, Mild
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8054

TRT#: 6

DOSE: 3.0MG/M3 FEMALE

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 745

HISTO: 10390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Mammary Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Pancreas
Stomach - Glandular
Urinary Bladder

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Salivary Glands
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Skin
Thyroid Gland

MISSING

Parathyroid Gland

OBSERVATIONS

Brain
Nose
Ovary
 Note: CYST TGLs = 2-7
Pituitary Gland
 Note: HYPERPLASIA TGLs = 5-8
Spleen
 Note: HYPERPLASIA TGLs = 1-4
Uterus
 Note: POLYP STROMAL TGLs = 3-10
 [Polyp Stromal TGLS = 4-10]

Olfactory Epi
Respirat Epith

Endometrium

Mineralization
Degeneration
Degeneration
Cyst

Hyperplasia

Hyperplasia

Adenocarcinoma
Polyp Stromal

Mild
Hyaline, Moderate
Hyaline, Mild
Moderate

Mild

Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8055

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Mammary Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Ovary
Skin
Thymus

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Pancreas
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Brain
Nose
Pituitary Gland
Uterus

Olfactory Epi
Artery

Mineralization
Degeneration
Hyperplasia
Thrombosis

Mild
Hyaline, Moderate
Marked
Moderate

Note: THROMBUS TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8056

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Brain		Mineralization	Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA	TGLs = 3-10		
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Minimal
Pituitary Gland		Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Minimal
		Thrombosis	Mild
Note: HYPERPLASIA	TGLs = 2-11		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8057

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Mammary Gland
Pancreas	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Minimal
Ovary		Cyst	Moderate
Note: CYST	TGLs = 1-7		
Pituitary Gland		Adenoma	
Note: [ADENOMA]	TGLs = 2-8		
Spleen		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8058

TRT#: 6

DOSE: 3.0MG/M3 FEMALE

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 745

HISTO: 10394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Mammary Gland	Ovary
Pancreas	Salivary Glands	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Brain		Mineralization	Mild
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-3			
		[Lymphoma Malignant Mixed TGLS = 3-10]	
		[Lymphoma Malignant Mixed TGLS = 4-12]	
		[Lymphoma Malignant Mixed TGLS = 1-7]	
		[Lymphoma Malignant Mixed TGLS = 5-11]	
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
		Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-8			
Spleen		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8058

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10394

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL MIXD TGLs = 2-4

Stomach

Forestomach

Inflammation

Suppurative, Mild

Tooth

Developmental Malformation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8059

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Ovary	Pancreas	Salivary Glands	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Mammary Gland	Parathyroid Gland
---------------	-------------------

OBSERVATIONS

Brain		Mineralization	Minimal
Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 8-5		
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 5-4+10		
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Iliac	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-3		
[Lymphoma Malignant Mixed	TGLS = 6-11]		
[Lymphoma Malignant Mixed	TGLS = 1-7]		
[Lymphoma Malignant Mixed	TGLS = 5-10]		
[Lymphoma Malignant Mixed	TGLS = 7-5]		
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
Pituitary Gland		Adenoma	
Note: ADENOMA	TGLs = 9-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8059

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10395

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 4-4

Stomach Forestomach Hyperkeratosis Moderate

Note: HYPERKERATOSIS TGLs = 10-8

Thyroid Gland Follicular Cel Hyperplasia Mild

Note: HYPERPLASIA TGLs = 3-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8060

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Bronchial
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Skin
Thymus
Uterus

Bone
Heart
Intestine Small - Duodenum
Larynx
Ovary
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Stomach - Forestomach
Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Brain
Kidney
Liver

Note: HEPATOCLR ADEN TGLs = 2-10
Mammary Gland
Note: ADENOCARC TGLs = 1-11
Nose

Pituitary Gland
Note: ADENOMA TGLs = 3-8

Mineralization
Inflammation
Focal Cellular Change
Hepatocellular Adenoma

Adenocarcinoma

Degeneration
Degeneration
Adenoma

Moderate
Subacute, Marked
Mild

Hyaline, Moderate
Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8061

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lung	Lymph Node - Bronchial	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Gallbladder	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8062

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Mammary Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Ovary
Skin
Thymus
Uterus

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Pancreas
Spleen
Thyroid Gland

OBSERVATIONS

Lymph Node
Nose
Pituitary Gland

Renal
Olfactory Epi

Hyperplasia
Degeneration
Hyperplasia

Lymphoid, Moderate
Hyaline, Moderate
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8063

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Ovary
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lung
Pancreas
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Skin
Thymus
Uterus

MISSING

Gallbladder

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Nose

Olfactory Epi
Respirat Epith

Degeneration
Degeneration
Adenoma

Hyaline, Moderate
Hyaline, Mild

Pituitary Gland

[Adenoma TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8064

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Mammary Gland	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Lung		Hyperplasia	Lymphoid, Mild
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
Ovary		Cyst	Mild
Note: CYST	TGLs = 1-7		
Pituitary Gland		Adenoma	
Note: ADENOMA	TGLs = 2-8		
Tooth		Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8065

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 3.0MG/M3 FEMALE

DISP: Moribund

HISTO: 10032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Lymph Node	Iliac	Hyperplasia	Lymphoid, Marked
	Renal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-10]			
[Hyperplasia TGLS = 5-5]			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Pituitary Gland		Hyperplasia	Marked
Uterus		Hyperplasia	Lymphoid, Marked
		Sarcoma Stromal	
Note: [SARC STROMAL] TGLs = 2-12			
Vagina		Sarcoma Stromal	Metastatic (Uterus)
Note: [SARC STROMAL] TGLs = 4-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8066

TRT#: 6

SEX: Female

DAY ON TEST: 661

DOSE: 3.0MG/M3 FEMALE

DISP: Moribund

HISTO: 9439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Focal, Moderate
Ovary		Lymphoma Malignant Lymphocytic	
Pituitary Gland		Hyperplasia	Moderate

Note: HYPERPLASIA TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8067

TRT#: 6

DOSE: 3.0MG/M3 FEMALE

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 745

HISTO: 10401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Salivary Glands
Thymus
Uterus

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Skin
Thyroid Gland

Bone
Heart
Intestine Small - Duodenum
Larynx
Pancreas
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Bronchial
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Brain
Kidney
Liver
Note: SECTIONS 4 OR 11. NOT PRESENT IN RECUTS EITHER.
Note: RECUT REQUESTED ON LIVER CYST, NOT PRESENT IN

Lung
Note: [LYMPH MAL UNDF] TGLs = 2-3

Nose
Ovary
Note: HYPERPLASIA TGLs = 4-7

Pituitary Gland
Spleen
Note: [LYMPH MAL UNDF] TGLs = 3-10

Mineralization
Inflammation
Infiltration Cellular
Mild
Subacute, Mild
Lymphocyte, Mild

Lymphoma Malignant Undifferentiated Cell Type

Degeneration
Hyperplasia
Hyaline, Moderate
Moderate

Hyperplasia
Lymphoma Malignant Undifferentiated Cell Type
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8068

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Lymph Node Note: HYPERPLASIA TGLs = 2-7	Mandibular	Hyperplasia	Lymphoid, Moderate
Nose	Olfactory Epi Olfactory Epi	Degeneration Metaplasia	Hyaline, Moderate Focal, Mild
Pituitary Gland		Hyperplasia	Mild
Spleen [Hyperplasia TGLS = 1-4]		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8069

TRT#: 6

SEX: Female

DAY ON TEST: 742

DOSE: 3.0MG/M3 FEMALE

DISP: Moribund

HISTO: 10039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Liver		Inflammation	Subacute, Moderate
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
Pituitary Gland		Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 1-8			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8070

TRT#: 6

SEX: Female

DAY ON TEST: 609

DOSE: 3.0MG/M3 FEMALE

DISP: Moribund

HISTO: 9083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Bronchial	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Brain		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 11-1]		
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 10-5		
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 8,9-4+9		
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 2-7		
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
Ovary		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 5-7		
Skin		Edema	Marked
	Subcut Tiss	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 12-10		
	[Edema TGLS = 1-2]		
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 7-4		
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 6-8		
Uterus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 4-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8070

TRT#: 6

SEX: Female

DAY ON TEST: 609

DOSE: 3.0MG/M3 FEMALE

DISP: Moribund

HISTO: 9083

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:04
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8071 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 745
DOSE: 3.0MG/M3 FEMALE **DISP:** Terminal Sacrifice **HISTO:** 10403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Ovary	Pancreas	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Heart Note: THROMBUS TGLs = 2-10	Atrium	Thrombosis	Marked
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node Note: MANDIBULAR SWELLING NOTED GROSSLY IS IN SALIVARY Note: GLAND.	Mandibular Bronchial	Atrophy Hyperplasia	Moderate Lymphoid, Moderate
Mammary Gland Note: ADENOACANTHOMA TGLs = 1-12		Adenoacanthoma	
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
Pituitary Gland Note: ADENOMA TGLs = 3-1+8		Adenoma	
Salivary Glands Note: LYMPH MAL LYMP TGLs = 6-7		Lymphoma Malignant Lymphocytic	
Spleen Note: ATROPHY TGLs = 5-4+11		Atrophy	Moderate
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8072

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Kidney	Renal Tubule	Adenoma	
Liver		Focal Cellular Change	Mild
Note: FOCAL CELL CH TGLs = 5-12			
Mammary Gland		Adenocarcinoma	
	Duct	Dilatation	Multifocal, Marked
Note: DILATATION TGLs = 2-10+11			
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Minimal
Ovary		Cyst	Marked
Note: CYST TGLs = 3-7			
Pituitary Gland		Adenoma	
Note: ADENOMA TGLs = 4-8			
Skin		Alopecia	Minimal
Note: ALOPECIA TGLs = 1-13			
Stomach	Glandular	Mineralization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8073

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Mammary Gland
Skin
Thyroid Gland

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Ovary
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Pancreas
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Salivary Glands
Thymus

MISSING

Parathyroid Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Focal, Mild
Pituitary Gland		Hyperplasia	Minimal
Spleen		Inflammation	Granulomatous, Moderate
Note: INFLAMMATION	TGLs = 1-4		
Uterus	Endometrium	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 2-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8074

TRT#: 6

SEX: Female

DAY ON TEST: 425

DOSE: 3.0MG/M3 FEMALE

DISP: Dead

HISTO: 7324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Nose
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Ovary
Salivary Glands
Thymus
Uterus

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Pancreas
Spleen
Thyroid Gland

MISSING

Mammary Gland

OBSERVATIONS

Skin
Inflammation
Ulcer

Chronic, Moderate
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8075

TRT#: 6

SEX: Female

DAY ON TEST: 421

DOSE: 3.0MG/M3 FEMALE

DISP: Dead

HISTO: 7270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Bronchial	Mammary Gland	Nose	Pancreas
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Parathyroid Gland	Salivary Glands	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Capsule	Lymphoma Malignant Lymphocytic
Larynx		Lymphoma Malignant Lymphocytic
Liver		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP	TGLs = 5-4	
Lung		Lymphoma Malignant Lymphocytic
Ovary		Lymphoma Malignant Lymphocytic
Spleen		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP	TGLs = 3-4	
Uterus		Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP	TGLs = 4-8	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8076

TRT#: 6

DOSE: 3.0MG/M3 FEMALE

SEX: Female

DISP: Moribund

DAY ON TEST: 693

HISTO: 9546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Capsule	Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 3-4+10]		
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 1-7]		
	[Lymphoma Malignant Mixed TGLS = 4-2+3]		
	[Lymphoma Malignant Mixed TGLS = 5-5]		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Minimal
Ovary		Cyst	
		Lymphoma Malignant Lymphocytic	
Note: CYST	TGLs = 6-7		
Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 2-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8077

TRT#: 6

DOSE: 3.0MG/M3 FEMALE

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 745

HISTO: 10406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Heart		Hemangiosarcoma	Metastatic (Spleen)
Note: HEMANGIOSARC	TGLs = 5-4		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 4-4]			
Stomach	Forestomach	Hyperkeratosis	Moderate
[Hyperkeratosis TGLS = 6-8]			
Tooth		Developmental Malformation	
Uterus		Adenocarcinoma	
		Angiectasis	Moderate
	Endometrium	Polyp Stromal	
Note: [ANGIECTASIS]	TGLs = 2-8		
Note: POLYP STROMAL	TGLs = 3-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8078

TRT#: 6

SEX: Female

DAY ON TEST: 268

DOSE: 3.0MG/M3 FEMALE

DISP: Moribund

HISTO: 6218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Ovary
Skin
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lung
Pancreas
Stomach - Forestomach
Urinary Bladder

Bone
Gallbladder
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Pituitary Gland
Stomach - Glandular
Uterus

Bone Marrow
Heart
Intestine Small - Ileum
Larynx
Mammary Gland
Salivary Glands
Thyroid Gland

MISSING

Intestine Large - Cecum

Lymph Node - Mandibular

Parathyroid Gland

Thymus

OBSERVATIONS

Nose
Spleen

Olfactory Epi

Degeneration
Atrophy

Hyaline, Mild
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8079

TRT#: 6

SEX: Female

DAY ON TEST: 672

DOSE: 3.0MG/M3 FEMALE

DISP: Moribund

HISTO: 9464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Lymph Node - Bronchial	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Brain		Mineralization	Mild
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-4			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
		Lymphoma Malignant Lymphocytic	
Skin		Edema	Mild
Note: EDEMA TGLs = 1-2			
Spleen		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP] TGLs = 2-4			
Stomach	Forestomach	Hyperkeratosis	Mild
Note: HYPERKERATOSIS TGLs = 8-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8080

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Brain		Mineralization	Mild
Lung		Infiltration Cellular	Lymphocyte, Mild
Note: INFILTRAT CELL TGLs = 3-3			
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
Pituitary Gland		Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 2-8			
Skin		Alopecia	Mild
Note: ALOPECIA TGLs = 1-2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8081

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Mammary Gland
Salivary Glands
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Ovary
Spleen
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Pancreas
Stomach - Forestomach
Trachea

OBSERVATIONS

Nose

Pituitary Gland
Skin
 [Alopecia TGLS = 1-2]
Urinary Bladder

Olfactory Epi

Degeneration
Inflammation
Hyperplasia
Alopecia

Infiltration Cellular

Hyaline, Moderate
Suppurative, Mild
Mild
Mild

Lymphocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8082

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Lung		Congestion	Moderate
		Inflammation	Granulomatous, Mild
[Congestion TGLS = 2-3]			
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
Ovary		Cyst	Mild
		Hemorrhage	Mild
[Cyst TGLS = 1-7]			
[Hemorrhage TGLS = 1-7]			
Pituitary Gland		Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:05
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8083

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Bronchial	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-10]			
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-8]			
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
Pituitary Gland		Adenoma	
Note: [ADENOMA] TGLs = 3-8			
Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-4]			
Stomach	Forestomach	Inflammation	Subacute, Moderate
	Forestomach	Ulcer	Moderate
Note: INFLAMMATION TGLs = 6-8			
[Ulcer TGLS = 6-8]			
Thyroid Gland	Follicular Cel	Adenocarcinoma	
[Adenocarcinoma TGLS = 1-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8084

TRT#: 6

SEX: Female

DAY ON TEST: 692

DOSE: 3.0MG/M3 FEMALE

DISP: Dead

HISTO: 9544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Mammary Gland
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Lung [Inflammation TGLS = 1-3]		Inflammation	Granulomatous, Moderate
Lymph Node [Pigmentation TGLS = 3-7]	Mandibular	Pigmentation	Mild
Nose	Olfactory Epi Olfactory Epi	Degeneration Metaplasia	Hyaline, Mild Focal, Minimal
Ovary [Cyst TGLS = 4-7]		Cyst	Minimal
Pituitary Gland		Hyperplasia	Moderate
Thyroid Gland Note: HYPERPLASIA TGLs = 2-2+10	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8085

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 3.0MG/M3 FEMALE

DISP: Moribund

HISTO: 9910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Liver		Inflammation	Subacute, Mild
Lung		Inflammation	Subacute, Moderate
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Mild
Pituitary Gland		Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Mild

Note: HYPERPLASIA TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:05
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8086

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Bronchial	Mammary Gland
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 5-4		
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 2-7]		
	[Lymphoma Malignant Mixed TGLS = 6-12]		
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Focal, Minimal
Ovary		Cystadenoma	
Note: CYSTADENOMA	TGLs = 4-11		
Pancreas		Lymphoma Malignant Mixed	
Skin		Alopecia	Mild
Note: ALOPECIA	TGLs = 1-2		
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-10		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8087

TRT#: 6

DOSE: 3.0MG/M3 FEMALE

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 745

HISTO: 10412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Pituitary Gland

OBSERVATIONS

Brain		Mineralization	Mild
Harderian Gland			
Note: RECUTS REQUESTED, NO LESIONS SEEN IN RECUTS.			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3-10			
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Minimal
Pancreas	Duct	Cyst	Marked
Note: CYST TGLs = 4-12			
Spleen		Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 2-4			
Uterus		Prolapse	Marked
Note: PROLAPSE TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8088

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Bronchial	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-10			
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 3-7			
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
		Inflammation	Suppurative, Mild
Pituitary Gland		Hyperplasia	Marked
Uterus	Endometrium	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8089

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
Pituitary Gland		Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8090

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 3.0MG/M3 FEMALE

DISP: Dead

HISTO: 9932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Lung Note: ALV BRON ADEN TGLs = 3-3		Alveolar/Bronchiolar Adenoma	Multiple
Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Hyaline, Moderate Hyaline, Minimal
Ovary Note: CYST TGLs = 1-7		Cyst	Moderate
Uterus Note: POLYP STROMAL TGLs = 2-10	Endometrium	Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8091

TRT#: 6

DOSE: 3.0MG/M3 FEMALE

SEX: Female

DISP: Dead

DAY ON TEST: 693

HISTO: 9547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Minimal
Brain		Mineralization	Moderate
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3-10			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-11			
Note: LYMPH MAL MIXD TGLs = 7-12			
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Moderate
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1,2-4			

PRIMARY CAUSE OF DEATH

-

Animal Note: PALENESS OF KIDNEY AND LIVER MAY BE DUE TO ANEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8092

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Stomach - Forestomach

OBSERVATIONS

Brain		Mineralization	Mild
Lung	Alveolar Epith	Hyperplasia	Moderate
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Focal, Minimal
Ovary		Cyst	Minimal
Note: CYST	TGLs = 3-7		
Pituitary Gland		Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 1,2-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8093

TRT#: 6

DOSE: 3.0MG/M3 FEMALE

SEX: Female

DISP: Dead

DAY ON TEST: 680

HISTO: 9508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Lung
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
Brain		Mineralization	Mild
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-4			
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-3			
[Lymphoma Malignant Mixed TGLS = 2-11]			
[Lymphoma Malignant Mixed TGLS = 5-7]			
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Mild
Ovary		Lymphoma Malignant Mixed	
Pancreas		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-10			
Pituitary Gland		Adenoma	
Note: ADENOMA TGLs = 4-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8094

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Thymus
Uterus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Pancreas
Spleen
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Larynx
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Kidney
[Cyst TGLS = 2-5]
Nose
Skin
[Alopecia TGLS = 1-2]

Olfactory Epi

Cyst

Degeneration
Alopecia

Hyaline, Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8095

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Mammary Gland
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland Note: HYPERPLASIA TGLs = 2-7	Medulla	Hyperplasia	Mild
Lymph Node Note: HYPERPLASIA TGLs = 1-7	Mandibular	Hyperplasia	Lymphoid, Marked
Nose Ovary Note: MEDULLARY HYPERPLASIA. Note: OVARY IS NORMAL, BUT THERE IS A ADRENAL EMBEDDED IN Note: IN THE USUAL PLACE WHERE THE OVARY IS. IT HAS	Olfactory Epi	Degeneration	Hyaline, Moderate
Pancreas Pituitary Gland Note: ADENOMA TGLs = 3-8	Acinus	Hypoplasia Adenoma	Marked
Thyroid Gland Uterus Note: HYPERPLASIA TGLs = 4-10	Follicular Cel Endometrium	Hyperplasia Hyperplasia	Moderate Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8096

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Lung		Inflammation	Granulomatous, Minimal
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
		Inflammation	Suppurative, Mild
Ovary		Cyst	Marked
[Cyst TGLS = 2-7]			
Pituitary Gland		Adenoma	
[Adenoma TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8097

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Brain		Mineralization	Mild
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Respirat Epith	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Minimal
Pituitary Gland		Congestion	Marked
		Hyperplasia	Mild
Note: CONGESTION	TGLs = 3-8		
Skeletal Muscle		Hemangiosarcoma	
Note: HEMANGIOSARC	TGLs = 1-10		
Spleen		Hemangiosarcoma	Metastatic (Skeletal Muscle)
Note: HEMANGIOSARC	TGLs = 2-4		
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8098

TRT#: 6

SEX: Female

DAY ON TEST: 685

DOSE: 3.0MG/M3 FEMALE

DISP: Dead

HISTO: 9520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Bone	Costochon Jct	Degeneration	Mild
[Degeneration TGLS = 7-9]			
Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 5-4+10]			
Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3,4-3]			
Lymph Node	Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 2-3]			
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Focal, Mild
Pituitary Gland		Adenoma	
[Adenoma TGLS = 6-8]			
Spleen		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 1-4]			
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
[Hyperplasia TGLS = 8-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8099

TRT#: 6

SEX: Female

DAY ON TEST: 745

DOSE: 3.0MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO: 10420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Mammary Gland	Nose	Pancreas	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Parathyroid Gland	Skin	Thymus
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OBSERVATIONS

Ovary		Cyst	Mild
Note: CYST	TGLs = 2-7		
Pituitary Gland		Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8100

TRT#: 6

SEX: Female

DAY ON TEST: 342

DOSE: 3.0MG/M3 FEMALE

DISP: Dead

HISTO: 6618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Pancreas
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Pituitary Gland
Stomach - Glandular
Uterus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Salivary Glands
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Ovary
Spleen
Trachea

MISSING

Lymph Node - Bronchial
Thyroid Gland

Lymph Node - Mandibular

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Nose

Olfactory Epi

Degeneration
Inflammation

Hyaline, Moderate
Suppurative, Marked

Note: INFLAMMATION TGLs = 1-9

Skin

Inflammation

Necrotizing, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9351

TRT#: 2

SEX: Female

DAY ON TEST: 667

DOSE: CONTROL FEMALE

DISP: Dead

HISTO: 9453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3-10+11			
Nose	Respirat Epith	Degeneration	Hyaline, Minimal
Ovary		Cyst	Mild
Note: CYST TGLs = 1-7			
Pituitary Gland		Congestion	Minimal
Note: CONGESTION TGLs = 4-8			
Uterus	Endometrium	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9352

TRT#: 2

SEX: Female

DAY ON TEST: 566

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO: 8678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Bronchial	Parathyroid Gland	Thymus	Thyroid Gland
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OBSERVATIONS

Kidney	Glomerulus	Amyloid Deposition	Marked
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Focal, Minimal
Ovary		Cyst	Moderate
Note: CYST	TGLs = 1-7		
Pancreas		Inflammation	Subacute, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9353

TRT#: 2

SEX: Female

DAY ON TEST: 228

DOSE: CONTROL FEMALE

DISP: Dead

HISTO: 6147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Kidney
Ovary
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Intestine Large - Rectum
Larynx
Pancreas
Spleen
Thyroid Gland

Bone
Intestine Small - Duodenum
Liver
Pituitary Gland
Stomach - Forestomach
Trachea

Bone Marrow
Islets, Pancreatic
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

MISSING

Esophagus
Intestine Small - Jejunum

Intestine Large - Cecum
Lymph Node - Bronchial

Intestine Large - Colon
Mammary Gland

Intestine Small - Ileum
Parathyroid Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Heart
Lung

Atrium
Interstitial
Alveolar Epith

Thrombosis
Fibrosis
Hyperplasia
Inflammation

Marked
Mild
Moderate
Subacute, Mild

Note: INFLAMMATION TGLs = 1-3

Nose

Olfactory Epi
Olfactory Epi

Degeneration
Metaplasia

Hyaline, Minimal
Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9354

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Liver		Cyst	
		Hepatocellular Adenoma	
Note: CYST TGLs = 6-10			
Note: HEPATOCLR ADEN TGLs = 4-10			
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-7			
Note: LYMPH MAL MIXD TGLs = 7-3			
[Lymphoma Malignant Mixed TGLs = 5-11]			
[Lymphoma Malignant Mixed TGLs = 9-12]			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
		Inflammation	Suppurative, Minimal
Pituitary Gland		Adenoma	
Note: ADENOMA TGLs = 8-8			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-4			
Thymus		Lymphoma Malignant Mixed	
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9355

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Pancreas
Stomach - Forestomach
Trachea

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Salivary Glands
Thymus
Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Mammary Gland

[Adenocarcinoma TGLS = 2-10]

Nose

Olfactory Epi

Adenocarcinoma

Degeneration

Hyaline, Mild

Ovary

[Cyst TGLS = 3-7]

Cyst

Skin

[Alopecia TGLS = 1-2]

Alopecia

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9356

TRT#: 2

SEX: Female

DAY ON TEST: 720

DOSE: CONTROL FEMALE

DISP: Dead

HISTO: 9770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Ovary
Salivary Glands
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pancreas
Skin
Thyroid Gland

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Pituitary Gland
Stomach - Glandular
Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Liver
 [Lymphoma Malignant Mixed TGLS = 2-4]
Lymph Node
 [Lymphoma Malignant Mixed TGLS = 4-7]
Spleen
 [Lymphoma Malignant Mixed TGLS = 1-10]
Uterus
 Note: UTERINE HORN IS WITHIN NORMAL LIMITS.

Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9357

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Pancreas	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain		Mineralization	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 4-3			
Lymph Node	Mesenteric	Congestion	Moderate
Note: CONGESTION TGLs = 5-11			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Ovary		Cyst	
Note: CYST TGLs = 2-7			
Pituitary Gland		Adenoma	
Note: ADENOMA TGLs = 6-8			
Spleen		Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 1-4			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-8+10			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9358

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lung
Mammary Gland	Ovary	Pancreas	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Gallbladder	Parathyroid Gland
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OBSERVATIONS

Brain		Mineralization	Minimal
Kidney		Lymphoma Malignant Mixed	
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Iliac	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-3			
[Lymphoma Malignant Mixed TGLS = 4-10]			
[Lymphoma Malignant Mixed TGLS = 5-11]			
[Lymphoma Malignant Mixed TGLS = 2-7]			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Pituitary Gland		Congestion	Marked
Skin		Alopecia	Moderate
Note: ALOPECIA TGLs = 1-2			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9359

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-5]			
Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,4-4+10]			
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 10-15]			
[Lymphoma Malignant Mixed TGLS = 7-3]			
[Lymphoma Malignant Mixed TGLS = 1-7]			
[Lymphoma Malignant Mixed TGLS = 5-13]			
[Lymphoma Malignant Mixed TGLS = 8-14]			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9360

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Mammary Gland
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Brain		Mineralization	Minimal
Lymph Node	Mandibular	Pigmentation	Mild
Note: PIGMENT TGLs = 1-7			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Pituitary Gland		Hyperplasia	Marked
Stomach	Forestomach	Hyperkeratosis	Mild
Note: HYPERKERATOSIS TGLs = 2-8			
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9361

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Mammary Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Ovary
Skin
Thymus

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Pancreas
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Pituitary Gland
Stomach - Forestomach
Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Brain
Nose

Olfactory Epi
Respirat Epith

Mineralization
Degeneration
Degeneration
Adenoma

Minimal
Hyaline, Minimal
Hyaline, Mild

Uterus

Note: [ADENOMA] TGLs = 1-10

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9362

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Salivary Glands	Skin
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Liver		Infarct	Marked
Note: TORSION NOT AVAILABLE, WILL USE INFARCT, OK'D BY			
Note: DR. GIDDENS.			
[Infarct TGLS = 2-4+10]			
Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Hyaline, Mild Hyaline, Mild
Ovary		Cystadenoma	
Pituitary Gland		Congestion	Mild
Note: CONGESTION TGLs = 3-8			
Spleen		Hyperplasia	Histiocytic, Moderate
Note: HYPERPLASIA TGLs = 1-4			
Stomach	Glandular	Pigmentation	Mild
Note: PIGMENT TGLs = 4-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9363

TRT#: 2

SEX: Female

DAY ON TEST: 714

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO: 9032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Mammary Gland	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4-4		
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 1-7		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
Ovary		Cyst	
Note: CYST	TGLs = 5,3-7		
Pituitary Gland		Hyperplasia	Minimal
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9364

TRT#: 2

DOSE: CONTROL FEMALE

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 742

HISTO: 10328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

MISSING

Gallbladder	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Intestine Small	Ileum	Amyloid Deposition	Moderate
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 4-10			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Minimal
Ovary		Cyst	Mild
Note: CYST TGLs = 5-7			
Pituitary Gland		Adenoma	
Note: ADENOMA TGLs = 2-8			
Spleen		Lymphoma Malignant Lymphocytic	
Thyroid Gland		Infiltration Cellular	Lymphocyte, Moderate
Note: INFILTRAT CELL TGLs = 3-2			
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus	Endometrium	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 6-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9365

TRT#: 2

SEX: Female

DAY ON TEST: 503

DOSE: CONTROL FEMALE

DISP: Dead

HISTO: 8298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Bronchial
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Glandular
Uterus

Bone
Gallbladder
Intestine Small - Duodenum
Kidney
Ovary
Salivary Glands
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Ileum
Larynx
Pancreas
Skin
Trachea

MISSING

Intestine Large - Cecum

Thymus

OBSERVATIONS

Liver
Lung
Lymph Node
Nose

Spleen
Note: LYMPH MAL MIXD TGLs = 1-4

Mandibular
Olfactory Epi
Respirat Epith

Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Degeneration
Degeneration
Lymphoma Malignant Mixed

Hyaline, Mild
Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9366

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Lymph Node - Bronchial
Pancreas
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Larynx
Lymph Node - Mandibular
Pituitary Gland
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lung
Ovary
Skin
Thymus
Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Brain		Inflammation	Subacute, Mild
		Mineralization	Mild
		Adenoma	
Harderian Gland			
Note: ADENOMA	TGLs = 1-9		
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA	TGLs = 2-10		
Kidney		Inflammation	Subacute, Mild
Nose	Olfactory Epi	Degeneration	Hyaline, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9367

TRT#: 2

DOSE: CONTROL FEMALE

SEX: Female

DISP: Dead

DAY ON TEST: 732

HISTO: 9942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Mammary Gland	Pancreas	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Metaplasia	Osseous, Minimal
Liver		Necrosis	Marked
Note: NECROSIS	TGLs = 6-4		
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 8-5		
Note: LYMPH MAL MIXD	TGLs = 11-10		
	[Lymphoma Malignant Mixed TGLS = 7-13]		
	[Lymphoma Malignant Mixed TGLS = 1-12]		
	[Lymphoma Malignant Mixed TGLS = 10-11]		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
Ovary		Cyst	Mild
Note: CYST	TGLs = 2,3-7		
Pituitary Gland		Hyperplasia	Minimal
Spleen		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9367

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL FEMALE

DISP: Dead

HISTO: 9942

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL MIXD TGLs = 4-4

Thyroid Gland

Follicular Cel

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9368

TRT#: 2

DOSE: CONTROL FEMALE

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 742

HISTO: 10330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pancreas	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Liver		Inflammation	Subacute, Mild
Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-3]		
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Mild
Ovary		Cyst	
Note: CYST	TGLs = 1-7		
Pituitary Gland		Hyperplasia	Mild
Spleen		Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA	TGLs = 2-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9369

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Mammary Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Ovary
Skin
Thymus
Uterus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Pancreas
Spleen
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Pituitary Gland
Stomach - Forestomach
Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Harderian Gland

Adenocarcinoma

Note: ADENOCARC TGLs = 1-10

Lung

Inflammation

Subacute, Mild

Nose

Olfactory Epi

Degeneration

Hyaline, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9370

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO: 9934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-4		
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-3]			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Minimal
Pituitary Gland		Hyperplasia	Moderate
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9371

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Skin
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Mammary Gland
Spleen
Trachea

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Pancreas
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Salivary Glands
Stomach - Glandular
Uterus

MISSING

Parathyroid Gland

Thymus

OBSERVATIONS

Nose
Ovary
[Cyst TGLS = 1-7]
Pituitary Gland

Olfactory Epi

Degeneration
Cyst
Hyperplasia

Hyaline, Mild
Marked
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9372

TRT#: 2

SEX: Female

DAY ON TEST: 558

DOSE: CONTROL FEMALE

DISP: Dead

HISTO: 8660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Salivary Glands
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Skin
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Liver
Lung

Note: ALV BRON CARC TGLs = 4-10
Lymph Node

Note: LYMPH MAL MIXD TGLs = 1-7
Nose
Ovary
Spleen

Note: LYMPH MAL MIXD TGLs = 2-4
Uterus

Note: LYMPH MAL MIXD TGLs = 3-8

Lymphoma Malignant Mixed
Alveolar/Bronchiolar Carcinoma
Lymphoma Malignant Mixed

Lymphoma Malignant Mixed
Lymphoma Malignant Mixed

Degeneration
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed

Lymphoma Malignant Mixed

Hyaline, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9373

TRT#: 2

SEX: Female

DAY ON TEST: 707

DOSE: CONTROL FEMALE

DISP: Dead

HISTO: 9655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Mandibular	Nose	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Lymphoma Malignant Mixed	
Lung		Lymphoma Malignant Mixed	
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 1-3]		
Ovary		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9374

TRT#: 2

SEX: Female

DAY ON TEST: 714

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO: 9711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Salivary Glands
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Stomach - Forestomach
Trachea

Bone
Gallbladder
Intestine Small - Duodenum
Larynx
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Pituitary Gland
Thymus
Uterus

OBSERVATIONS

Heart
Kidney
 Note: LYMPH MAL MIXD TGLs = 6-5
Liver
Lung
Lymph Node
 [Lymphoma Malignant Mixed TGLS = 1-7]
 [Lymphoma Malignant Mixed TGLS = 5-5]
 [Lymphoma Malignant Mixed TGLS = 2-12]
 [Lymphoma Malignant Mixed TGLS = 7-11]

Axillary
Bronchial
Mandibular
Mediastinal
Mesenteric
Renal

Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed

Nose
Skin
 Note: LYMPH MAL MIXD TGLs = 4-2
Spleen
 Note: LYMPH MAL MIXD TGLs = 3-10

Olfactory Epi
Subcut Tiss

Degeneration
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed

Hyaline, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9375

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Mammary Gland
Skin
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Ovary
Stomach - Forestomach
Urinary Bladder

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Pancreas
Thymus
Uterus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Salivary Glands
Thyroid Gland

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow
Nose
Pituitary Gland
 [Adenoma TGLS = 2-8]
Spleen
 [Lymphoma Malignant Mixed TGLS = 1-4]
Stomach
 Note: INFLAMMATION TGLs = 3-8

Olfactory Epi

Glandular

Myelofibrosis
Degeneration
Adenoma

Lymphoma Malignant Mixed

Inflammation

Mild
Hyaline, Mild

Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9376

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
Pituitary Gland		Hyperplasia	Mild
Stomach	Forestomach	Hyperkeratosis	Minimal
[Hyperkeratosis TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9377

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Mammary Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Nose
Skin
Thymus

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Pancreas
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Pituitary Gland
Stomach - Forestomach
Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Brain
Ovary
 Note: CYST TGLs = 1-7
Uterus
 Note: HYPERPLASIA TGLs = 2-8

Endometrium

Mineralization
Cyst
Hyperplasia

Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9378

TRT#: 2

SEX: Female

DAY ON TEST: 724

DOSE: CONTROL FEMALE

DISP: Dead

HISTO: 9903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Kidney		Hydronephrosis	Marked
Note: HYDRONEPHROSIS	TGLs = 4-5		
Liver		Inflammation	Subacute, Marked
		Necrosis	Mild
Note: NECROSIS	TGLs = 2-4+10		
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
Ovary		Cyst	Moderate
Note: CYST	TGLs = 3-7		
Pituitary Gland		Hyperplasia	Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 1-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9379

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Cyst	Minimal
Note: CYST	TGLs = 2-5		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Ovary		Corpora Amylacea	Mild
		Cyst	Mild
Pituitary Gland		Hyperplasia	Mild
Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-4]			
Stomach	Glandular	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4-8		
Uterus		Fibrous Histiocytoma	
Note: [FIB HISTIOCYT]	TGLs = 3-10		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9380

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Mammary Gland
Pituitary Gland
Stomach - Glandular

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Nose
Salivary Glands
Thymus

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Ovary
Spleen
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Pancreas
Stomach - Forestomach
Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow
Skin

Myelofibrosis
Alopecia

Mild
Mild

[Alopecia TGLS = 1-10]

Thyroid Gland
Uterus

Follicular Cel
Endometrium

Hyperplasia
Hyperplasia

Minimal
Mild

Note: HYPERPLASIA TGLs = 2,3,4-8+11

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9381

TRT#: 2

DOSE: CONTROL FEMALE

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 742

HISTO: 10338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Liver		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 3-12			
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Focal, Minimal
Ovary		Cyst	Marked
Note: CYST TGLs = 2-10			
Pituitary Gland		Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 5-8			
Spleen		Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 4-4			
Stomach	Glandular	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 6-8			
Uterus		Hyperplasia	Cystic, Marked
Note: [HYPERPLASIA] TGLs = 1-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9382

TRT#: 2

SEX: Female

DAY ON TEST: 615

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO: 9102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Liver		Hemangiosarcoma	Metastatic (Uncertain Primary Site)
Lung		Hemangiosarcoma	Metastatic (Uncertain Primary Site)
Note: HEMANGIOSARC	TGLs = 2-3+10		
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
Pituitary Gland		Adenoma	
Note: ADENOMA	TGLs = 3-8		
Uterus		Hemangiosarcoma	
Note: HEMANGIOSARC	TGLs = 1-11		

PRIMARY CAUSE OF DEATH

-

Animal Note: I'M NOT SURE WHICH TISSUE THE HEMANGIOSARCOMA IS

Animal Note: PRIMARY IN.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9383

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Focal, Minimal
Pituitary Gland		Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Stomach	Forestomach	Hyperkeratosis	Mild
[Hyperkeratosis TGLS = 5-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: RECUT REQUESTED ON LUNG, LIVER AND KIDNEY NODULES,

Animal Note: NO LESION SEEN IN RECUTS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9384

TRT#: 2

SEX: Female

DAY ON TEST: 324

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO: 6558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Pancreas
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lung
Parathyroid Gland
Stomach - Glandular
Uterus

Bone
Gallbladder
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Pituitary Gland
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Ileum
Larynx
Mammary Gland
Skin
Trachea

MISSING

Intestine Large - Cecum

Lymph Node - Bronchial

Salivary Glands

Thymus

OBSERVATIONS

Nose
Ovary
[Teratoma TGLS = 3,4-10]
Spleen
[Hematopoietic Cell Proliferation TGLS = 1-4]

Olfactory Epi

Degeneration
Teratoma

Hematopoietic Cell Proliferation

Hyaline, Minimal

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9385

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Lung		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Granulomatous, Minimal
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Ovary		Cyst	Mild
		Cystadenoma	
Note: CYST TGLs = 1,2-7			
Pituitary Gland	Pars Intermed	Hyperplasia	Marked
		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-8			
Stomach	Glandular	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9386

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Liver		Cyst	
		Hemorrhage	Mild
Note: CYST TGLs = 1-10			
Note: HEMORRHAGE TGLs = 1-10			
Lung		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-3			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Ovary		Cystadenoma	
Pituitary Gland		Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 3-8			
Spleen		Lymphoma Malignant Mixed	
Thymus		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9387

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Nose	Turbinate	Hemangioma	
Pituitary Gland		Adenoma	
[Adenoma TGLS = 3-8]			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
[Hyperplasia TGLS = 2-2]			
Uterus		Dilatation	Marked
Note: DILATATION TGLs = 1-10			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9388

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Pancreas
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Skin
Thymus
Uterus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Mammary Gland
Spleen
Thyroid Gland

MISSING

Parathyroid Gland

OBSERVATIONS

Brain
Lung
 Note: INFILTRAT CELL TGLs = 2-3
Nose
Ovary
 Note: CYST TGLs = 1-7
Pituitary Gland

Olfactory Epi
Olfactory Epi

Mineralization
Infiltration Cellular
Degeneration
Metaplasia
Cyst
Hyperplasia

Mild
Lymphocyte, Mild
Hyaline, Mild
Focal, Minimal
Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9389

TRT#: 2

SEX: Female

DAY ON TEST: 689

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO: 9538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 1-3]			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Moderate
Ovary		Cyst	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9390

TRT#: 2

SEX: Female

DAY ON TEST: 713

DOSE: CONTROL FEMALE

DISP: Dead

HISTO: 9709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Liver		Histiocytic Sarcoma	
Note: [HISTIO SARC] TGLs = 2,3,4-4+10			
Lung		Histiocytic Sarcoma	
Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Metaplasia	Minimal
Uterus		Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9391

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-4+11]			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Pituitary Gland		Hyperplasia	Minimal
Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1,2-4+10]			
Stomach	Glandular	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 5-8			
Uterus	Endometrium	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 4-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9392

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Mammary Gland
Salivary Glands
Thymus
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Ovary
Spleen
Thyroid Gland

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Bronchial
Pancreas
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

MISSING

Pituitary Gland

OBSERVATIONS

Lung
Nose
Skin
Note: ALOPECIA TGLs = 1-10

Olfactory Epi

Inflammation
Degeneration
Alopecia

Granulomatous, Minimal
Hyaline, Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:05
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9393

TRT#: 2
DOSE: CONTROL FEMALE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 742
HISTO: 10346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Brain		Mineralization	Mild
Liver		Lymphoma Malignant Mixed	
Lung		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-3		
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Olfactory Epi	Metaplasia	Focal, Mild
Spleen		Hemangioma	
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 1-4		
Stomach	Forestomach	Hyperkeratosis	Marked
Note: HYPERKERATOSIS	TGLs = 4-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9394

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Lung		Inflammation	Granulomatous, Mild
Note: INFLAMMATION	TGLs = 1-3		
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Ovary		Cyst	Moderate
Note: CYST	TGLs = 3-7		
Pituitary Gland		Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9395

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
Thyroid Gland	Follicular Cel	Adenoma	
Note: ADENOMA TGLs = 1-2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9396

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Hyaline, Mild Hyaline, Minimal
Skin Note: ALOPECIA TGLs = 1-10		Alopecia	Mild
Stomach	Forestomach	Hyperkeratosis	Mild
Uterus Note: HYPERPLASIA TGLs = 3-8	Endometrium	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9397

TRT#: 2

SEX: Female

DAY ON TEST: 679

DOSE: CONTROL FEMALE

DISP: Dead

HISTO: 9481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Mammary Gland
Skin
Thymus
Uterus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lung
Ovary
Spleen
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Bronchial
Pancreas
Stomach - Forestomach
Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Nose
Pituitary Gland
Note: CONGESTION TGLs = 1-8
Tooth

Olfactory Epi

Degeneration
Congestion
Abscess

Hyaline, Mild
Minimal
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9398

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Liver		Hepatocellular Adenoma	
Lung		Inflammation	Granulomatous, Minimal
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Pituitary Gland		Hyperplasia	Mild

Note: HYPERPLASIA TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Epinephrine hydrochloride

CAS Number: 55-31-2

Date Report Requested: 10/23/2014

Time Report Requested: 12:38:05

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9399

TRT#: 2

SEX: Female

DAY ON TEST: 683

DOSE: CONTROL FEMALE

DISP: Dead

HISTO: 9515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Liver		Hemangiosarcoma	
		Necrosis	Moderate
Note: HEMANGIOSARC TGLs = 9-10			
Lung		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 10-3]			
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
Pituitary Gland		Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 12-8			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 1-4			

PRIMARY CAUSE OF DEATH

-

Animal Note: GROSSLY.

Animal Note: ALL GUT SECTIONS AND KIDNEYS ARE SLIGHTLY

Animal Note: AUTOLYZED. THIS IS PROBABLY WHAT WAS OBSERVED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05095-02
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Epinephrine hydrochloride
CAS Number: 55-31-2

Date Report Requested: 10/23/2014
Time Report Requested: 12:38:05
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9400

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 10351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary	Pancreas
Salivary Glands	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Mammary Gland	Parathyroid Gland	Skin
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OBSERVATIONS

Brain		Mineralization	Minimal
Intestine Small	Duodenum	Adenocarcinoma	
Note: ADENOCARC	TGLs = 2-10		
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 3-3		
Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
	Olfactory Epi	Metaplasia	Focal, Minimal
Pituitary Gland		Hyperplasia	Marked
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 1-4		
Stomach	Forestomach	Hyperkeratosis	Moderate
Note: HYPERKERATOSIS	TGLs = 4-8		

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****