

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:24
First Dose M/F: NA / NA
Lab: MBA

C Number: C97011A
Lock Date: 09/18/2000
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:24
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 186
	DOSE: VEHICLE CONTROL	DISP: Accidentally Killed	HISTO: MB363M-1

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Peripheral Nerve
Salivary Glands	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Granuloma Sperm	Focal, Mild
* Kidney	Renal Tubule	Degeneration	Focal, Minimal
Note: TGL1 - no corresponding lesion			
* Liver	Hepatocyte	Necrosis	Focal, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:24
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 186
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB363M-2

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Peripheral Nerve	* Pituitary Gland	Salivary Glands
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Hepatocyte	Necrosis	Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:24
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 186
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB363M-3

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Peripheral Nerve
* Pituitary Gland	Salivary Glands	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:24
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 186
	DOSE: VEHICLE CONTROL	DISP: Accidentally Killed	HISTO: MB363M-4

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Epididymis	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Peripheral Nerve
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland		

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Zona Glomer	Hyperplasia	Focal, Minimal
* Lung	Alveolus	Inflammation	Chronic Active, Focal, Minimal
Salivary Glands		Inflammation	Chronic Active, Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:24

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB363M-5

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Epididymis	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Peripheral Nerve	* Pituitary Gland	Salivary Glands
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex Note: subcapsular spindle cell hyperplasia	Subcapsular	Hyperplasia	Focal, Minimal
* Skin Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus Note: TGL1 - no corresponding lesion			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:24

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB363M-6

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Lymph Node, Mediastinal
Salivary Glands
* Thymus

* Adrenal Medulla
* Liver
* Lymph Node, Mesenteric
* Skin
* Thyroid Gland

* Bone Marrow
* Lung
* Peripheral Nerve
* Stomach, Forestomach
* Urinary Bladder

* Epididymis
* Lymph Node, Mandibular
* Pituitary Gland
* Testes

MISSING

* Mammary Gland

OBSERVATIONS

* Skin
Note: SOA and control skin.
* Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:24
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 186
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB363M-7

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Peripheral Nerve	* Pituitary Gland	Salivary Glands
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Skin		
Note: SOA and control skin.		
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:24
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 186
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB363M-8

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Peripheral Nerve	Salivary Glands	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Skin
 Note: SOA and control skin.

* Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 186
	DOSE: VEHICLE CONTROL	DISP: Accidentally Killed	HISTO: MB363M-9

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Peripheral Nerve	* Pituitary Gland	Salivary Glands	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Lung	Alveolus	Hemorrhage	Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB363M-10

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Bone Marrow

* Epididymis

* Kidney

* Liver

* Lymph Node, Mandibular

* Lymph Node, Mediastinal

* Lymph Node, Mesenteric

* Peripheral Nerve

* Pituitary Gland

Salivary Glands

* Skin

* Stomach, Forestomach

* Testes

* Thymus

* Urinary Bladder

MISSING

* Mammary Gland

* Thyroid Gland

OBSERVATIONS

* Lung

Alveolar/Bronchiolar Adenoma

Alveolar/Bronchiolar Carcinoma

[Alveolar/Bronchiolar Adenoma TGLS = 2-6]

[Alveolar/Bronchiolar Carcinoma TGLS = 1-6]

* Skin

Note: SOA and control skin.

* Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB363M-11

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Lymph Node, Mediastinal
Salivary Glands
* Thymus

* Adrenal Medulla
* Liver
* Lymph Node, Mesenteric
* Skin
* Thyroid Gland

* Bone Marrow
* Lung
* Peripheral Nerve
* Stomach, Forestomach
* Urinary Bladder

* Epididymis
* Lymph Node, Mandibular
* Pituitary Gland
* Testes

MISSING

* Mammary Gland

OBSERVATIONS

* Skin
Note: SOA and control skin.

* Spleen Hematopoietic Cell Proliferation Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 186
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB363M-12

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Peripheral Nerve	* Pituitary Gland
Salivary Glands	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Lung	Alveolar/Bronchiolar Adenoma	
* Skin		
Note: SOA and control skin.		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 186

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB363M-13

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Lymph Node, Mediastinal
Salivary Glands
* Thymus

* Adrenal Medulla
* Liver
* Lymph Node, Mesenteric
* Skin
* Thyroid Gland

* Bone Marrow
* Lung
* Peripheral Nerve
* Stomach, Forestomach
* Urinary Bladder

* Epididymis
* Lymph Node, Mandibular
* Pituitary Gland
* Testes

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Cortex
Note: only one in section
* Adren Medulla
Note: only one in section
* Skin
Note: SOA and control skin.
* Spleen

Hematopoietic Cell Proliferation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 14	TRT#: 1	SEX: Male	DAY ON TEST: 186
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB363M-14

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Peripheral Nerve	* Pituitary Gland	Salivary Glands	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Lung	Alveolar/Bronchiolar Adenoma	
* Skin		
Note: SOA and control skin.		
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 15	TRT#: 1	SEX: Male	DAY ON TEST: 186
	DOSE: VEHICLE CONTROL	DISP: Accidentally Killed	HISTO: MB363M-15

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Peripheral Nerve	* Pituitary Gland
Salivary Glands	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Skin
Note: SOA and control skin.

* Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 16	TRT#: 2 DOSE: 90 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 186 HISTO: MB363M-16
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Epididymis	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Peripheral Nerve	* Pituitary Gland	Salivary Glands	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Zona Glomer	Hyperplasia	Focal, Minimal
Seminal Vesicle [Dilatation TGLS = 2-10]		Dilatation	Mild
* Skin Note: control skin is normal [Hyperplasia TGLS = 1-2.2]	Epidermis, SOA	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 17

TRT#: 2

SEX: Male

DAY ON TEST: 186

DOSE: 90 MG/KG

DISP: Terminal Sacrifice

HISTO: MB363M-17

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Lymph Node, Mesenteric
* Skin
* Urinary Bladder

* Adrenal Medulla
* Liver
* Peripheral Nerve
* Stomach, Forestomach

* Bone Marrow
* Lymph Node, Mandibular
* Pituitary Gland
* Thymus

* Epididymis
* Lymph Node, Mediastinal
Salivary Glands
* Thyroid Gland

MISSING

* Mammary Gland

OBSERVATIONS

* Lung
* Skin
Note: SOA and control skin.
* Spleen
* Testes

Alveolar Epith
Perivascular
Alveolus

Hyperplasia
Infiltration Cellular
Inflammation

Focal, Minimal
Lymphocyte, Focal, Minimal
Chronic Active, Focal, Minimal

Hematopoietic Cell Proliferation
Degeneration

Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 18	TRT#: 2 DOSE: 90 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 186 HISTO: MB363M-18
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Peripheral Nerve	* Pituitary Gland	Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Hypospermia	Mild
* Lung	Alveolus	Inflammation	Chronic Active, Focal, Mild
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Germinal Epith	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 19

TRT#: 2

SEX: Male

DAY ON TEST: 186

DOSE: 90 MG/KG

DISP: Terminal Sacrifice

HISTO: MB363M-19

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Bone Marrow

* Kidney

* Liver

* Lung

* Lymph Node, Mandibular

* Lymph Node, Mediastinal

* Lymph Node, Mesenteric

* Peripheral Nerve

* Pituitary Gland

Salivary Glands

* Skin

* Stomach, Forestomach

* Thymus

* Thyroid Gland

* Urinary Bladder

INSUFFICIENT TISSUE

* Mammary Gland

OBSERVATIONS

* Epididymis

Hypospermia

Minimal

Seminal Vesicle

Dilatation

Minimal

[Dilatation TGLS = 1-10]

* Skin

Note: SOA and control skin.

* Spleen

Hematopoietic Cell Proliferation

Moderate

* Testes

Germinal Epith

Degeneration

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 20

TRT#: 2

SEX: Male

DAY ON TEST: 186

DOSE: 90 MG/KG

DISP: Terminal Sacrifice

HISTO: MB363M-20

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Pituitary Gland
* Thymus

* Adrenal Medulla
* Lymph Node, Mandibular
Salivary Glands
* Thyroid Gland

* Bone Marrow
* Lymph Node, Mesenteric
* Skin
* Urinary Bladder

* Kidney
* Peripheral Nerve
* Stomach, Forestomach

MISSING

* Lymph Node, Mediastinal

* Mammary Gland

OBSERVATIONS

* Epididymis
* Lung
* Skin
Note: SOA and control skin.

Alveolar Epith

Hypospermia
Hyperplasia

Minimal
Focal, Mild

* Spleen
* Testes
* Thymus
Note: TGL1 - no corresponding lesion

Germinal Epith

Hematopoietic Cell Proliferation
Degeneration

Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 21

TRT#: 2

SEX: Male

DAY ON TEST: 186

DOSE: 90 MG/KG

DISP: Terminal Sacrifice

HISTO: MB363M-21

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla

* Lymph Node, Mandibular

Salivary Glands

* Urinary Bladder

* Bone Marrow

* Lymph Node, Mesenteric

* Skin

* Kidney

* Peripheral Nerve

* Stomach, Forestomach

* Liver

* Pituitary Gland

* Thyroid Gland

MISSING

* Lymph Node, Mediastinal

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex

* Epididymis

* Lung

Prostate

Note: slide10

Seminal Vesicle

Alveolus

Adenoma

Hypospermia

Inflammation

Inflammation

Dilatation

Inflammation

Mild

Chronic Active, Focal, Minimal

Acute, Focal, Moderate

Mild

Chronic, Diffuse, Moderate

Note: One is dilated and the other one is fibrosed with no lumen contents.

* Skin

Note: SOA and control skin.

* Spleen

* Testes

* Thymus

Germinal Epith

Hematopoietic Cell Proliferation

Degeneration

Atrophy

Moderate

Moderate

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 22	TRT#: 2 DOSE: 90 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 186 HISTO: MB363M-22
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Peripheral Nerve	* Pituitary Gland
Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Zona Glomer	Hyperplasia	Focal, Minimal
* Epididymis		Hypospermia	Minimal
* Lung	Perivascular Alveolus	Infiltration Cellular Inflammation	Lymphocyte, Focal, Minimal Chronic Active, Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Germinal Epith	Degeneration	Mild
* Thymus		Atrophy	Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 23	TRT#: 2	SEX: Male	DAY ON TEST: 186
	DOSE: 90 MG/KG	DISP: Terminal Sacrifice	HISTO: MB363M-23

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Peripheral Nerve	* Pituitary Gland
Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
---------------------------	-----------------

OBSERVATIONS

* Bone Marrow			
Note: bone marrow from femur evaluated since the sternum was cut through at microtomy			
* Epididymis		Hypospermia	Minimal
* Kidney	Renal Tubule	Dilatation	Focal, Minimal
Note: involves right kidney			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
	Perivascular	Infiltration Cellular	Lymphocyte, Focal, Minimal
	Alveolus	Inflammation	Chronic, Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Germinal Epith	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 24

TRT#: 2

SEX: Male

DAY ON TEST: 182

DOSE: 90 MG/KG

DISP: Natural Death

HISTO: MB363M-24

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Peripheral Nerve	* Pituitary Gland	Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

Eye

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Focal, Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Epididymis		Hypospermia	Marked
		Inflammation	Acute, Diffuse, Marked
Eye			
Note: TGL2 - no corresponding lesion; cannot evaluate due to autolysis			
* Kidney	Renal Tubule	Inflammation	Acute, Focal, Moderate
	[Inflammation TGLS = 1-7]		
* Skin			
Note: SOA and control skin.			
* Spleen	Lymph Follic	Depletion Cellular	Moderate
		Hematopoietic Cell Proliferation	Mild
* Testes	Germinal Epith	Degeneration	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 25	TRT#: 2	SEX: Male	DAY ON TEST: 186
	DOSE: 90 MG/KG	DISP: Terminal Sacrifice	HISTO: MB363M-25

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Peripheral Nerve	* Pituitary Gland
Salivary Glands	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Epididymis		Hypospermia	Marked
		Inflammation	Chronic Active, Diffuse, Marked
[Inflammation TGLS = 2-8, 4-10]			
* Kidney	Medulla	Inflammation	Chronic Active, Focal, Mild
		Inflammation	Chronic Active, Diffuse, Marked
[Inflammation TGLS = 8-7]			
[Inflammation TGLS = 9-7]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Seminal Vesicle		Inflammation	Chronic Active, Diffuse, Marked
[Inflammation TGLS = 5-10, 6-10]			
* Skin	SOA	Hyperkeratosis	Focal, Minimal
	Epidermis, SOA	Hyperplasia	Focal, Minimal
Note: control skin is normal.			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 7-5]			
* Testes	Germinal Epith	Degeneration	Moderate
		Inflammation	Chronic Active, Diffuse, Marked
[Degeneration TGLS = 1-8]			
[Inflammation TGLS = 3-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 26

TRT#: 2

SEX: Male

DAY ON TEST: 186

DOSE: 90 MG/KG

DISP: Terminal Sacrifice

HISTO: MB363M-26

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Lymph Node, Mesenteric
* Skin

* Adrenal Medulla
* Lung
* Peripheral Nerve
* Stomach, Forestomach

* Bone Marrow
* Lymph Node, Mandibular
* Pituitary Gland
* Thyroid Gland

* Kidney
* Lymph Node, Mediastinal
Salivary Glands
* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis
Seminal Vesicle
[Dilatation TGLS = 1-10]

Hypospermia
Dilatation
Moderate
Moderate

* Skin
Note: SOA and control skin.

* Spleen
* Testes
* Thymus
[Atrophy TGLS = 2-3]

Germinal Epith

Hematopoietic Cell Proliferation
Degeneration
Atrophy
Mild
Moderate
Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 27	TRT#: 2 DOSE: 90 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 186 HISTO: MB363M-27
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Epididymis	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Peripheral Nerve	* Pituitary Gland	Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Glomer	Hypertrophy	Focal, Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
	Alveolus	Inflammation	Chronic Active, Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Germinal Epith	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 28	TRT#: 2 DOSE: 90 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 186 HISTO: MB363M-28
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Peripheral Nerve	* Pituitary Gland	Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Atrophy Hypospermia	Diffuse, Mild Marked
[Atrophy TGLS = 2-8]			
* Lung			
Note: TGL4 and TGL5 - no corresponding lesions			
Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 3-10]			
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Germinal Epith	Degeneration	Moderate
[Degeneration TGLS = 1-8]			
* Thymus		Atrophy	Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 29	TRT#: 2 DOSE: 90 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 186 HISTO: MB363M-29
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver	* Peripheral Nerve	Salivary Glands	* Skin
* Testes			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland		
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AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Lung [Congestion TGLS = 1-6]		Congestion	Diffuse, Moderate
* Skin Note: SOA and control skin.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 30	TRT#: 2	SEX: Male	DAY ON TEST: 186
	DOSE: 90 MG/KG	DISP: Terminal Sacrifice	HISTO: MB363M-30

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Peripheral Nerve	Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Cortex			
Note: only one in section			
* Adren Medulla			
Note: only one in section			
* Epididymis		Hypospermia	Mild
* Kidney			
Note: TGL1 - no corresponding lesion			
* Pituitary Gland	Pars Intermed	Hyperplasia	Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Germinal Epith	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 31

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB363M-31

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Lung
* Ovary
* Skin

* Bone Marrow
* Lymph Node, Mandibular
* Peripheral Nerve
* Stomach, Forestomach

* Kidney
* Lymph Node, Mesenteric
* Pituitary Gland
* Thyroid Gland

* Liver
* Mammary Gland
Salivary Glands
* Urinary Bladder

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex
* Skin

Zona Reticul

Vacuolization Cytoplasmic

Focal, Mild

Note: SOA and control skin.

* Spleen
* Thymus
* Uterus

Endometrium

Hematopoietic Cell Proliferation
Atrophy
Hyperplasia

Mild
Focal, Minimal
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 32	TRT#: 3 DOSE: VEHICLE CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 185 HISTO: MB363M-32
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Peripheral Nerve	* Pituitary Gland	Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Focal, Minimal
* Lung	Alveolus	Inflammation	Chronic Active, Focal, Minimal
* Ovary			
Note: TGL1 - no corresponding lesion			
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 33

TRT#: 3

SEX: Female

DAY ON TEST: 148

DOSE: VEHICLE CONTROL

DISP: Accidentally Killed

HISTO: MB363M-33

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Peripheral Nerve	Salivary Glands	* Skin
Spinal Cord	* Stomach, Forestomach	* Thyroid Gland	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Focal, Minimal
* Lung	Alveolus	Hemorrhage	Focal, Mild
* Skin			
Note: SOA and control skin.			
Spinal Cord			
Note: TGL1 - no corresponding lesion			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 34	TRT#: 3	SEX: Female	DAY ON TEST: 185
	DOSE: VEHICLE CONTROL	DISP: Accidentally Killed	HISTO: MB363M-34

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Peripheral Nerve
* Pituitary Gland	Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Focal, Mild
* Liver	Hepatocyte	Necrosis	Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 35	TRT#: 3	SEX: Female	DAY ON TEST: 185
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB363M-35

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Peripheral Nerve	* Pituitary Gland
Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Focal, Minimal
	Zona Reticul	Vacuolization Cytoplasmic	Focal, Minimal
Note: subcapsular spindle cell hyperplasia			
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 36	TRT#: 3	SEX: Female	DAY ON TEST: 185
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB363M-36

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Peripheral Nerve	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular Zona Reticul	Hyperplasia Vacuolization Cytoplasmic	Focal, Minimal Focal, Minimal
Note: subcapsular spindle cell hyperplasia			
Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 37

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB363M-37

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Lung
* Mammary Gland
Salivary Glands
* Thyroid Gland

* Bone Marrow
* Lymph Node, Mandibular
* Ovary
* Skin
* Urinary Bladder

* Kidney
* Lymph Node, Mediastinal
* Peripheral Nerve
* Stomach, Forestomach

* Liver
* Lymph Node, Mesenteric
* Pituitary Gland
* Thymus

OBSERVATIONS

* Adrenal Cortex
* Lym Node Media
Note: slide 6
* Ovary
Note: TGL1 - no corresponding lesion
* Skin
Note: SOA and control skin.
* Spleen
* Uterus

Zona Reticul

Vacuolization Cytoplasmic

Focal, Minimal

Endometrium

Hematopoietic Cell Proliferation
Hyperplasia

Moderate
Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 38

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB363M-38

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Lung
* Mammary Gland
* Skin
* Urinary Bladder

* Bone Marrow
* Lymph Node, Mandibular
* Ovary
* Stomach, Forestomach

* Kidney
* Lymph Node, Mediastinal
* Peripheral Nerve
* Thymus

* Liver
* Lymph Node, Mesenteric
Salivary Glands
* Thyroid Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adren Medulla

Note: only one present in section

* Adrenal Cortex

Note: only one in section

* Ovary

Note: TGL1 - no corresponding lesion

* Skin

Note: SOA and control skin.

* Spleen

* Uterus

Zona Reticul

Endometrium

Vacuolization Cytoplasmic

Hematopoietic Cell Proliferation
Pigmentation
Hyperplasia

Focal, Minimal

Mild
Minimal
Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 39	TRT#: 3	SEX: Female	DAY ON TEST: 185
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB363M-39

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Peripheral Nerve	* Pituitary Gland	Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Focal, Mild
* Ovary		Cyst	Mild
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 40	TRT#: 3	SEX: Female	DAY ON TEST: 185
	DOSE: VEHICLE CONTROL	DISP: Accidentally Killed	HISTO: MB363M-40

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	Brain	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Peripheral Nerve	* Pituitary Gland
Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Focal, Minimal
	Zona Reticul	Vacuolization Cytoplasmic	Focal, Mild
Note: subcapsular spindle cell hyperplasia			
* Ovary		Degeneration	Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 41	TRT#: 3	SEX: Female	DAY ON TEST: 185
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB363M-41

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Peripheral Nerve	* Pituitary Gland	Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Focal, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
Note: TGL1, TGL2, TGL3 - no corresponding lesion			
* Lym Node Media			
Note: slide 6			
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 42

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB363M-42

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Lung
* Lymph Node, Mesenteric
* Pituitary Gland
* Thymus

* Bone Marrow
Lymph Node
* Mammary Gland
Salivary Glands
* Thyroid Gland

* Kidney
* Lymph Node, Mandibular
* Ovary
* Skin
* Urinary Bladder

* Liver
* Lymph Node, Mediastinal
* Peripheral Nerve
* Stomach, Forestomach

OBSERVATIONS

* Adrenal Cortex
* Skin
Note: SOA and control skin.
* Spleen
* Uterus

Zona Reticul

Endometrium

Vacuolization Cytoplasmic

Hematopoietic Cell Proliferation
Hyperplasia

Focal, Mild

Mild
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 43

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB363M-43

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Lung
* Mammary Gland
Salivary Glands
* Thyroid Gland

* Bone Marrow
* Lymph Node, Mandibular
* Ovary
* Skin
* Urinary Bladder

* Kidney
* Lymph Node, Mediastinal
* Peripheral Nerve
* Stomach, Forestomach

* Liver
* Lymph Node, Mesenteric
* Pituitary Gland
* Thymus

OBSERVATIONS

* Adrenal Cortex
* Ovary
Note: TGL1 - no corresponding lesion
* Skin
Note: SOA and control skin.

Zona Reticul

Vacuolization Cytoplasmic

Focal, Mild

* Spleen

Hematopoietic Cell Proliferation
Pigmentation
Hyperplasia

Mild
Minimal
Cystic, Mild

* Uterus

Endometrium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 44	TRT#: 3	SEX: Female	DAY ON TEST: 185
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: MB363M-44

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Peripheral Nerve	* Pituitary Gland	Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Diffuse, Moderate
* Liver		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 45

TRT#: 3

SEX: Female

DAY ON TEST: 185

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB363M-45

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Lung
* Ovary
* Skin
* Urinary Bladder

* Bone Marrow
* Lymph Node, Mandibular
* Peripheral Nerve
* Stomach, Forestomach

* Kidney
* Lymph Node, Mesenteric
* Pituitary Gland
* Thymus

* Liver
* Mammary Gland
Salivary Glands
* Thyroid Gland

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex

Subcapsular
Zona Reticul

Hyperplasia
Vacuolization Cytoplasmic

Focal, Minimal
Focal, Mild

Note: subcapsular spindle cell hyperplasia

* Ovary

Note: only one in section

* Skin

Note: SOA and control skin.

* Spleen

Hematopoietic Cell Proliferation
Pigmentation

Moderate
Minimal

* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 46	TRT#: 4	SEX: Female	DAY ON TEST: 185
	DOSE: 90 MG/KG	DISP: Terminal Sacrifice	HISTO: MB363M-46

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Peripheral Nerve	Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Focal, Minimal
* Lung	Alveolus	Hemorrhage	Focal, Minimal
	Alveolar Epith	Hyperplasia	Focal, Minimal

Note: TGL1 - no corresponding lesion
[Hemorrhage TGLS = 2-11]
[Hyperplasia TGLS = 3-12]

* Lym Node Media

Note: slide 6

* Skin

Note: SOA and control skin.

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Minimal

* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 47	TRT#: 4	SEX: Female	DAY ON TEST: 185
	DOSE: 90 MG/KG	DISP: Terminal Sacrifice	HISTO: MB363M-47

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Peripheral Nerve	* Pituitary Gland
Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Focal, Mild
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 48

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 90 MG/KG

DISP: Terminal Sacrifice

HISTO: MB363M-48

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Lung
* Ovary
* Skin
* Urinary Bladder

* Bone Marrow
* Lymph Node, Mandibular
* Peripheral Nerve
* Stomach, Forestomach

* Kidney
* Lymph Node, Mesenteric
* Pituitary Gland
* Thymus

* Liver
* Mammary Gland
Salivary Glands
* Thyroid Gland

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex

Zona Reticul

Vacuolization Cytoplasmic

Focal, Minimal

* Lung

Note: TGL1 and TGL2 - no corresponding lesion

* Skin

Note: SOA and control skin.

* Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Minimal

* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 49

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 90 MG/KG

DISP: Terminal Sacrifice

HISTO: MB363M-49

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Ovary	* Peripheral Nerve	* Pituitary Gland	Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Urinary Bladder

INSUFFICIENT TISSUE

* Mammary Gland

OBSERVATIONS

* Adren Medulla			
Note: only one in section.			
* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Diffuse, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 50	TRT#: 4	SEX: Female	DAY ON TEST: 185
	DOSE: 90 MG/KG	DISP: Terminal Sacrifice	HISTO: MB363M-50

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Peripheral Nerve	* Pituitary Gland	Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Focal, Mild
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Skin			
Note: SOA and control skin			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 51

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 90 MG/KG

DISP: Terminal Sacrifice

HISTO: MB363M-51

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Peripheral Nerve	* Pituitary Gland	Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Adrenal Cortex	Subcapsular Zona Reticul	Hyperplasia Vacuolization Cytoplasmic	Focal, Minimal Focal, Minimal
Note: subcapsular spindle cell hyperplasia			
* Lung		Alveolar/Bronchiolar Adenoma	
Note: TGL1 and TGL2 - no corresponding lesion			
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation Pigmentation	Mild Minimal
* Thymus		Atrophy	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: degenerating PMNs in lumen			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 52	TRT#: 4	SEX: Female	DAY ON TEST: 185
	DOSE: 90 MG/KG	DISP: Terminal Sacrifice	HISTO: MB363M-52

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Peripheral Nerve	* Pituitary Gland	Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Adren Medulla Note: only one in section			
* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary Note: TGL1 - no corresponding lesion.			
* Skin Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Diffuse, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 53

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 90 MG/KG

DISP: Terminal Sacrifice

HISTO: MB363M-53

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Peripheral Nerve	* Pituitary Gland	Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Focal, Mild
* Lung	Alveolus	Hemorrhage	Focal, Minimal
	Alveolar Epith	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 2-10]			
* Ovary			
Note: TGL1 - no corresponding lesion			
* Skin			
Note: SOA and control skin			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Diffuse, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 54	TRT#: 4	SEX: Female	DAY ON TEST: 185
	DOSE: 90 MG/KG	DISP: Terminal Sacrifice	HISTO: MB363M-54

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Peripheral Nerve	* Pituitary Gland	Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Adren Medulla Note: only one in section			
* Adrenal Cortex Note: subcapsular spindle cell hyperplasia	Subcapsular Zona Reticul	Hyperplasia Vacuolization Cytoplasmic	Focal, Minimal Diffuse, Mild
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Lym Node Media Note: slide 6			
* Ovary Note: TGL1 - no corresponding lesion		Cyst	Minimal
* Skin Note: SOA and control skin			
* Spleen		Hematopoietic Cell Proliferation Pigmentation	Moderate Minimal
* Thymus		Atrophy	Diffuse, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 55

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 90 MG/KG

DISP: Moribund Sacrifice

HISTO: MB363M-55

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla

* Lymph Node, Mandibular

* Peripheral Nerve

* Urinary Bladder

* Bone Marrow

* Lymph Node, Mediastinal

Salivary Glands

* Liver

* Lymph Node, Mesenteric

* Skin

* Lung

* Mammary Gland

* Thyroid Gland

MISSING

* Ovary

* Pituitary Gland

* Thymus

OBSERVATIONS

* Adren Medulla

Note: only one in section

* Adrenal Cortex

Note: subcapsular spindle cell hyperplasia

* Kidney

* Skin

Note: SOA and control skin.

* Spleen

* Stomach, Forestomach

* Uterus

Subcapsular

Lymph Follic

Endometrium

Hyperplasia

Inflammation

Depletion Cellular

Pigmentation

Hyperkeratosis

Hyperplasia

Focal, Minimal

Acute, Focal, Mild

Moderate

Minimal

Diffuse, Mild

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 56	TRT#: 4	SEX: Female	DAY ON TEST: 185
	DOSE: 90 MG/KG	DISP: Terminal Sacrifice	HISTO: MB363M-56

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Peripheral Nerve	* Pituitary Gland
Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Focal, Minimal
	Zona Reticul	Vacuolization Cytoplasmic	Focal, Minimal
Note: subcapsular spindle cell hyperplasia			
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 57	TRT#: 4 DOSE: 90 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 185 HISTO: MB363M-57
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Peripheral Nerve	* Pituitary Gland
Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Diffuse, Mild
* Ovary			
Note: TGL1 - no corresponding lesion			
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Diffuse, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 58

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 90 MG/KG

DISP: Terminal Sacrifice

HISTO: MB363M-58

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Medulla
- * Lung
- * Mammary Gland
- Salivary Glands
- * Thyroid Gland

- * Bone Marrow
- * Lymph Node, Mandibular
- * Ovary
- * Skin
- * Urinary Bladder

- * Kidney
- * Lymph Node, Mediastinal
- * Peripheral Nerve
- * Stomach, Forestomach

- * Liver
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Thymus

OBSERVATIONS

- * Adrenal Cortex

Subcapsular
Zona Reticul

Hyperplasia
Vacuolization Cytoplasmic

Focal, Minimal
Focal, Mild

Note: subcapsular spindle cell hyperplasia

- * Lung

Note: TGL1 - no corresponding lesion

- * Lym Node Media

Note: slide 6

- * Skin

Note: SOA and control skin.

- * Spleen

Hematopoietic Cell Proliferation
Pigmentation

Moderate
Minimal

- * Uterus

Endometrium

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)

CAS Number: 6055-19-2

Date Report Requested: 10/23/2014

Time Report Requested: 05:31:25

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 59

TRT#: 4

SEX: Female

DAY ON TEST: 185

DOSE: 90 MG/KG

DISP: Terminal Sacrifice

HISTO: MB363M-59

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Peripheral Nerve	* Pituitary Gland	Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Zona Reticul	Vacuolization Cytoplasmic	Focal, Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 1-10]			
* Lym Node Media			
Note: slide 6			
* Skin			
Note: SOA and control skin			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97011-15
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation (Cyclophosphamide monohydrate)
CAS Number: 6055-19-2

Date Report Requested: 10/23/2014
Time Report Requested: 05:31:25
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 60	TRT#: 4	SEX: Female	DAY ON TEST: 185
	DOSE: 90 MG/KG	DISP: Terminal Sacrifice	HISTO: MB363M-60

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Peripheral Nerve	Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Urinary Bladder

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular Zona Reticul	Hyperplasia Vacuolization Cytoplasmic	Focal, Minimal Diffuse, Mild
Note: subcapsular spindle cell hyperplasia			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Skin			
Note: SOA and control skin.			
* Spleen		Hematopoietic Cell Proliferation Pigmentation	Mild Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE