

Experiment Number: 91014-06
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)
CAS Number: 93-83-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:29:38
First Dose M/F: NA / NA
Lab: ILS

C Number:	C91014C
Lock Date:	08/21/1997
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Female
PWG Approval Date	NONE

Experiment Number: 91014-06

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)

CAS Number: 93-83-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:29:38

First Dose M/F: NA / NA

Lab: ILS

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TG.AC HEMI Mouse Female	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0 MG	8	8	8	8	8	1	4	0	8	8	8	3	8	8	4	8	8	8	8	8
ANIMAL ID	4	4	4	4	4	7	3	5	4	4	4	3	4	4	3	4	4	4	4	4
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	4	4	4	4	8	8	8	8	9	9	9	9	0	0	0	0	0	0	0	0
	3	3	3	3	4	4	4	4	2	2	2	2	3	3	4	4	4	4	4	4
	3	5	6	7	3	4	5	6	2	3	4	5	8	9	0	1	2	3	4	5
	*TOTALS																			

Alimentary System

Liver	+	+	+	+	+																15	
Infiltration Cellular, Mixed Cell	1		1	1	1								1	1		1	1	1	1		11	1.0
Infiltration Cellular, Mononuclear CI			1										1							1	3	1.0
Midzonal, Hypertrophy	1		1	2	2											1		1	1		10	1.2
Necrosis					1																1	1.0
Salivary Glands	+	+	+	+	+																15	
Infiltration Cellular, Lymphocyte	1			1																	4	1.0
Inflammation, Suppurative																			1		1	1.0
Stomach, Forestomach	+	+	+	+	+																15	
Stomach, Glandular	+	+	+	+	+																15	
Tongue				+																+	2	

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	+	+	+	+	+																15	
Capsule, Hyperplasia			1		1															1	7	1.0
Degeneration, Fatty	2	2	1	1	3																14	2.0
Mineralization					1																2	1.0
Vacuolization Cytoplasmic				2	1																7	1.4
Adrenal Medulla	+	+	+	+	+																15	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 91014-06

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)

CAS Number: 93-83-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:29:39

First Dose M/F: NA / NA

Lab: ILS

TG.AC HEMI Mouse Female 0 MG	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	1	4	0	8	8	8	3	8	8	4	8	8	8	8	8	
	4	4	4	4	4	7	3	5	4	4	4	3	4	4	4	3	4	4	4	4	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	
	4	4	4	4	8	8	8	8	9	9	9	9	0	0	0	0	0	0	0	0	
	3	3	3	3	4	4	4	4	2	2	2	2	3	3	4	4	4	4	4	4	
	3	5	6	7	3	4	4	5	6	2	3	4	5	8	9	0	1	2	3	4	
Pituitary Gland	+	+	+	+	+					+	+	+				l	+	+	+	+	14
Thyroid Gland	+	+	+	+	+					+	+	+				+	+	+	+	+	15
General Body System																					
NONE																					
Genital System																					
Uterus																				+	1
Angiectasis																				1	1 1.0
Hematopoietic System																					
Lymph Node, Mandibular	+	+	+	+	+					+	+	+		+	+		+	+	+	+	15
Spleen	+	+	+	+	+					+	+	+		+	+		+	+	+	+	15
Hematopoietic Cell Proliferation	2	2	2		2								2	2		2		3	1	3	10 2.1
Pigmentation, Hemosiderin			2		2				2	2			2	2		2					7 2.0
Thymus	+	+	+	+	+					+	+	+		+	+		+	+	+	+	15
Cyst										2								1			2 1.5
Integumentary System																					
Mammary Gland	+	+	+	+	+					+	+	+		+	+		+	+	+	+	15
Skin	+	+	+	+	+					+	+	+		+	+		+	+	+	+	15
SOA, Hyperplasia, Squamous																			1		1 1.0
SOA, Ulcer																			2		1 2.0
Musculoskeletal System																					

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 91014-06

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)

CAS Number: 93-83-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:29:39

First Dose M/F: NA / NA

Lab: ILS

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TG.AC HEMI Mouse Female	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0 MG	8	8	8	8	8	1	4	0	8	8	8	3	8	8	4	8	8	8	8	8
ANIMAL ID	4	4	4	4	4	7	3	5	4	4	4	3	4	4	3	4	4	4	4	4
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	4	4	4	4	8	8	8	8	9	9	9	9	0	0	0	0	0	0	0	0
	3	3	3	3	4	4	4	4	2	2	2	2	3	3	4	4	4	4	4	4
	3	5	6	7	3	4	5	6	2	3	4	5	8	9	0	1	2	3	4	5
	*TOTALS																			

NONE																				
Nervous System																				
NONE																				
Respiratory System																				
Lung	+	+	+	+	+				+	+	+		+	+		+	+	+	+	+
Infiltration Cellular, Lymphocyte	1				1													1	1	1
Special Senses System																				
NONE																				
Urinary System																				
Kidney	+	+	+	+	+				+	+	+		+	+		+	+	+	+	+
Casts Protein					1													1		
Nephropathy					2															

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 91014-06
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)
CAS Number: 93-83-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:29:39
First Dose M/F: NA / NA
Lab: ILS

DAY ON TEST

TG.AC HEMI Mouse Female
1.50 UG TPA

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 91014-06
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)
CAS Number: 93-83-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:29:39
First Dose M/F: NA / NA
Lab: ILS

DAY ON TEST

TG.AC HEMI Mouse Female
1.50 UG TPA

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 91014-06
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)
CAS Number: 93-83-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:29:39
First Dose M/F: NA / NA
Lab: ILS

DAY ON TEST

TG.AC HEMI Mouse Female
0.4 MG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 91014-06
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)
CAS Number: 93-83-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:29:39
First Dose M/F: NA / NA
Lab: ILS

DAY ON TEST

TG.AC HEMI Mouse Female
0.4 MG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 91014-06
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)
CAS Number: 93-83-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:29:39
First Dose M/F: NA / NA
Lab: ILS

DAY ON TEST

TG.AC HEMI Mouse Female
0.8 MG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 91014-06
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)
CAS Number: 93-83-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:29:39
First Dose M/F: NA / NA
Lab: ILS

DAY ON TEST

TG.AC HEMI Mouse Female
0.8 MG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 91014-06

Test Type: 26-WEEK

Route: SKIN APPLICATION

Species/Strain: Mouse/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)

CAS Number: 93-83-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:29:39

First Dose M/F: NA / NA

Lab: ILS

TG.AC HEMI Mouse Female 1.2 MG	DAY ON TEST																		*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1		
	4	8	4	8	8	8	8	8	8	4	8	8	8	8	0	8	8	8		
ANIMAL ID	3	1	3	3	3	3	3	3	5	3	3	3	3	3	2	3	3	3	3	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0	
	5	5	5	5	7	7	7	7	7	9	9	9	9	9	1	1	1	1	1	
	4	5	6	7	3	4	5	6	7	3	4	5	6	7	3	4	5	6	7	
Accessory Adrenal Cortical Nodule															1					
Capsule, Hyperplasia				1	1		1	1		1	1				1	1	1			
Degeneration, Fatty				2	2	2	3	4		3	1	2	4		1	2	1	1		
Mineralization							1	1		1			1			1				
Vacuolization Cytoplasmic				2	1	1	1	1			1	1			1	1	1	2		
Adrenal Medulla				+	+	+	+	+		+	+	+	+		+	+	+	+	13	
Pituitary Gland				+	+	+	+	1		+	+	+	+		+	+	+	+	12	
Thyroid Gland				+	+	+	+	+		+	+	+	+		M	+	+	+	12	
General Body System																				
NONE																				
Genital System																				
NONE																				
Hematopoietic System																				
Lymph Node, Mandibular				+	+	+	+	+		+	+	+	M		+	+	+	+	12	
Infiltration Cellular, Polymorphnuclr													4						1 4.0	
Spleen				+	+	+	+	+		+	+	+	+		+	+	+	+	13	
Hematopoietic Cell Proliferation				2		3		2		2	4		2		2	2		2	9 2.3	
Pigmentation, Hemosiderin													2		2	2	2		4 2.0	
Thymus				+	+	+	+	+		+	+	+	+		M	+	+	+	12	
Cyst					1	1		1											3 1.0	
Integumentary System																				

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 91014-06
 Test Type: 26-WEEK
 Route: SKIN APPLICATION
 Species/Strain: Mouse/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)
 CAS Number: 93-83-4

Date Report Requested: 10/23/2014
 Time Report Requested: 09:29:39
 First Dose M/F: NA / NA
 Lab: ILS

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TG.AC HEMI Mouse Female 1.2 MG		1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	
		4	8	4	8	8	8	8	8	4	8	8	8	8	0	8	8	8	8	
	ANIMAL ID	3	1	3	3	3	3	3	5	3	3	3	3	3	2	3	3	3	3	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0	
	5	5	5	5	7	7	7	7	7	9	9	9	9	1	1	1	1	1	1	
	4	5	6	7	3	4	5	6	7	3	4	5	6	7	3	4	5	6	7	
																				*TOTALS

Integumentary System

Mammary Gland																										
Skin																										
Dermis, SOA, Fibrosis																										
Dermis, SOA, Inflammation																										
Hyperplasia, Squamous																										
SOA, Hyperplasia, Squamous																										
SOA, Hyperplasia, Squamous, Focal																										
SOA, Ulcer																										

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung																										
Infiltration Cellular, Lymphocyte																										
Infiltration Cellular, Mononuclear CI																										

Special Senses System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

- + ..Tissue examined microscopically
- X ..Lesion present
- I ..Insufficient tissue

- M ..Missing tissue
- A ..Autolysis precludes evaluation
- BLANK ..Not examined microscopically

- 1-4 ..Lesion qualified as:
- 1) Minimal
 - 2) Mild
 - 3) Moderate
 - 4) Marked

Experiment Number: 91014-06
 Test Type: 26-WEEK
 Route: SKIN APPLICATION
 Species/Strain: Mouse/TG.AC HEMI

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)
 CAS Number: 93-83-4

Date Report Requested: 10/23/2014
 Time Report Requested: 09:29:39
 First Dose M/F: NA / NA
 Lab: ILS

		DAY ON TEST																			
TG.AC HEMI Mouse Female	1.2 MG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	
		4	8	4	8	8	8	8	8	8	4	8	8	8	8	0	8	8	8	8	
		3	1	3	3	3	3	3	5	3	3	3	3	3	2	3	3	3	3		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1		
		9	9	9	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0		
		5	5	5	5	7	7	7	7	9	9	9	9	9	1	1	1	1	1		
		4	5	6	7	3	4	5	6	7	3	4	5	6	7	3	4	5	6	*TOTALS	

Urinary System

Kidney																				13
Nephropathy																				2 1.0

**** END OF REPORT ****

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked