

Experiment Number: 91014-05
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: Mouse/P53(C57BL/6)

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

Test Compound: Transgenic LECM (Oleic acid diethanolamine condensate)

CAS Number: 93-83-4

Date Report Requested: 10/23/2014

Time Report Requested: 14:35:38

First Dose M/F: NA / NA

Lab: ILS

C Number:	C91014B
Lock Date:	08/21/1997
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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P53(C57BL/6) Mouse MALE	0 MG	0.4 MG	0.8 MG	1.2 MG
Disposition Summary				
Animals Initially In Study	10	10	10	10
Early Deaths				
Moribund Sacrifice	1			
Survivors				
Terminal Sacrifice	9	10	10	10
Animals Examined Microscopically	10			10
ALIMENTARY SYSTEM				
Liver	(10)	(0)	(0)	(10)
Infiltration Cellular, Lymphocyte				1 (10%)
Infiltration Cellular, Mixed Cell	3 (30%)			3 (30%)
Infiltration Cellular, Mononuclear CI	1 (10%)			2 (20%)
Midzonal, Hypertrophy	7 (70%)			8 (80%)
Vacuolization Cytoplasmic	2 (20%)			
Salivary Glands	(10)	(0)	(0)	(10)
Artery, Submandibul GI, Inflammation	1 (10%)			
Submandibul GI, Infiltration Cellular, Lymphocyte	8 (80%)			9 (90%)
Stomach, Forestomach	(10)	(0)	(0)	(10)
Cyst				1 (10%)
Stomach, Glandular	(10)	(0)	(0)	(10)
Artery, Inflammation	1 (10%)			
Cyst	1 (10%)			5 (50%)
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
Adrenal Cortex	(9)	(0)	(0)	(9)
Degeneration, Fatty	8 (89%)			9 (100%)
Hypertrophy	1 (11%)			1 (11%)

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

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P53(C57BL/6) Mouse MALE	0 MG	0.4 MG	0.8 MG	1.2 MG
Adrenal Medulla	(8)	(0)	(0)	(9)
Pituitary Gland	(9)	(0)	(0)	(7)
Pars Distalis, Cyst	1 (11%)			
Thyroid Gland	(10)	(0)	(0)	(10)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
None				
HEMATOPOIETIC SYSTEM				
Lymph Node, Mandibular	(10)	(0)	(0)	(10)
Hyperplasia	1 (10%)			
Spleen	(10)	(0)	(0)	(10)
Hematopoietic Cell Proliferation	4 (40%)			
Thymus	(9)	(0)	(0)	(10)
Cyst	4 (44%)			4 (40%)
INTEGUMENTARY SYSTEM				
Skin	(10)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
Lung	(10)	(0)	(0)	(10)
Infiltration Cellular, Lymphocyte	2 (20%)			6 (60%)
SPECIAL SENSES SYSTEM				
None				

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URINARY SYSTEM				
Kidney	(10)	(0)	(0)	(10)
Artery, Inflammation	1 (10%)			
Congestion	2 (20%)			
Infiltration Cellular, Lymphocyte	1 (10%)			3 (30%)
Nephropathy	4 (40%)			3 (30%)

END OF MALE DATA

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Disposition Summary				
Animals Initially In Study	10	10	10	10
Early Deaths				
Moribund Sacrifice	1			
Survivors				
Terminal Sacrifice	9	10	10	10
Animals Examined Microscopically	10			10

ALIMENTARY SYSTEM

Liver	(10)	(0)	(0)	(10)
Infiltration Cellular, Lymphocyte	2 (20%)			2 (20%)
Infiltration Cellular, Mixed Cell	3 (30%)			6 (60%)
Infiltration Cellular, Mononuclear Cl	3 (30%)			2 (20%)
Midzonal, Hypertrophy	1 (10%)			1 (10%)
Necrosis	1 (10%)			
Salivary Glands	(10)	(0)	(0)	(10)
Submandibul GI, Infiltration Cellular, Lymphocyte	3 (30%)			6 (60%)
Submandibul GI, Infiltration Cellular, Mononuclear Cl				1 (10%)
Submandibul GI, Infiltration Cellular, Plasma Cell	2 (20%)			
Stomach, Forestomach	(10)	(0)	(0)	(10)
Hyperplasia	1 (10%)			
Stomach, Glandular	(10)	(0)	(0)	(10)
Cyst	3 (30%)			3 (30%)
Inflammation, Suppurative				1 (10%)

CARDIOVASCULAR SYSTEM

None				
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ENDOCRINE SYSTEM

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P53(C57BL/6) Mouse FEMALE	0 MG	0.4 MG	0.8 MG	1.2 MG
Adrenal Cortex	(10)	(0)	(0)	(9)
Capsule, Hyperplasia	9 (90%)			9 (100%)
Degeneration, Fatty	7 (70%)			4 (44%)
Adrenal Medulla	(10)	(0)	(0)	(9)
Pituitary Gland	(9)	(0)	(0)	(8)
Pars Distalis, Cyst	1 (11%)			
Thyroid Gland	(9)	(0)	(0)	(10)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
Uterus	(1)	(0)	(0)	(1)
Hyperplasia, Cystic	1 (100%)			1 (100%)
HEMATOPOIETIC SYSTEM				
Lymph Node, Mandibular	(10)	(0)	(0)	(9)
Hyperplasia	3 (30%)			1 (11%)
Spleen	(10)	(0)	(0)	(10)
Hematopoietic Cell Proliferation	6 (60%)			3 (30%)
Thymus	(9)	(0)	(0)	(10)
Cyst	3 (33%)			4 (40%)
INTEGUMENTARY SYSTEM				
Mammary Gland	(10)	(0)	(0)	(9)
Skin	(10)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				

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Lung	(10)	(0)	(0)	(10)
Infiltration Cellular, Histiocyte	1 (10%)			1 (10%)
Infiltration Cellular, Lymphocyte	3 (30%)			5 (50%)
Infiltration Cellular, Mononuclear CI	1 (10%)			1 (10%)
Inflammation, Chronic Active				1 (10%)
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
Kidney	(10)	(0)	(0)	(10)
Casts Protein	2 (20%)			
Infiltration Cellular, Lymphocyte	3 (30%)			1 (10%)
Nephropathy				2 (20%)

**** END OF REPORT ****