

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:40
First Dose M/F: NA / NA
Lab: NCTR

C Number: C97010A
Lock Date: Not Entered.
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male
PWG Approval Date: NONE

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 CAS Number: HYDROXYGLYSAL

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SKH-1/NCTR Mouse MALE	NO CREAMNO SSL	CTLCREAMNO SSL	4% AHA NO SSL	10% AHA NO SSL	2% BHA NO SSL	4% BHA NO SSL
Disposition Summary						
Animals Initially In Study	36	18	18	18	18	18
Early Deaths						
Moribund Sacrifice	3		1	1	1	
Natural Death	2	2	1			1
Tumor>10mm						
Survivors						
Moribund Sacrifice			1			
Natural Death						
Terminal Sacrifice	31	16	15	17	17	17
Tumor>10mm						
Animals Examined Microscopically	36	18	18	18	18	18
ALIMENTARY SYSTEM						
Esophagus	(0)	(0)	(0)	(0)	(0)	(0)
Dilatation						
Gallbladder	(0)	(1)	(0)	(0)	(0)	(0)
Liver	(2)	(3)	(3)	(4)	(2)	(0)
Abscess						
Angiectasis						
Basophilic Focus			1		1	
Fatty Change			1 [2.0]			
Hematopoietic Cell Proliferation						
Infarct						
Inflammation, Chronic				1 [1.0]		
Inflammation, Diffuse						
Metaplasia, Osseous						
Necrosis, Focal		3 [2.7]		1 [3.0]		
Tension Lipidosis					1 [2.0]	

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

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

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SKH-1/NCTR Mouse MALE	NO CREAMNO SSL	CTLCREAMNO SSL	4% AHA NO SSL	10% AHA NO SSL	2% BHA NO SSL	4% BHA NO SSL
Mesentery Fat, Necrosis	(0)	(0)	(0)	(0)	(0)	(0)
Pancreas Accessory Spleen Inflammation, Chronic	(1)	(0)	(0)	(0)	(1)	(0)
Salivary Glands	(0)	(0)	(0)	(0)	(1)	(0)
CARDIOVASCULAR SYSTEM						
Heart Infarct Septum Inter, Ventricl Rgt, Abscess	(0)	(0)	(0)	(0)	(0)	(0)
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
Tissue NOS	(0)	(0)	(0)	(0)	(0)	(0)
GENITAL SYSTEM						
Penis	(1)	(0)	(0)	(0)	(0)	(0)
Preputial Gland Duct, Dilatation Inflammation Inflammation, Suppurative Parenchym Cell, Atrophy	(6) 5 1 [4.0] 1 [1.0]	(4) 4	(2) 2	(1) 1	(2) 2	(2) 2
Seminal Vesicle Autolysis Decreased Secretory Fluid Distended	(0)	(0)	(0)	(0)	(0)	(0)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(36)	(18)	(18)	(18)	(18)	(17)

a - Number of animals examined microscopically at site and number of animals with lesion
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SKH-1/NCTR Mouse MALE	NO CREAMNO SSL	CTLCREAMNO SSL	4% AHA NO SSL	10% AHA NO SSL	2% BHA NO SSL	4% BHA NO SSL
Myeloid Cell, Hyperplasia	1 [3.0]	1 [2.0]	3 [2.3]			
Lymph Node	(5)	(4)	(2)	(2)	(5)	(3)
Axillary, Hematopoietic Cell Proliferation						
Axillary, Hyperplasia, Lymphoid	2 [2.0]	4 [1.8]	1 [2.0]	1 [2.0]	4 [1.8]	2 [2.0]
Axillary, Infiltration Cellular, Plasma Cell						
Bronchial, Hyperplasia, Lymphoid						
Deep Cervical, Hyperplasia, Lymphoid						
Deep Cervical, Infiltration Cellular, Plasma Cell						
Hyperplasia, Lymphoid						
Inguinal, Hyperplasia, Lymphoid	2 [2.0]	1 [2.0]			1 [1.0]	2 [2.0]
Inguinal, Infiltration Cellular, Plasma Cell	1 [3.0]					
Inguinal, Infiltration Cellular, Polymorphnuclr			1 [3.0]			
Lumbar, Abscess						
Lumbar, Foreign Body		1 [2.0]				
Lumbar, Hematopoietic Cell Proliferation						
Lumbar, Hyperplasia, Lymphoid	2 [2.5]	1 [2.0]			1 [2.0]	1 [2.0]
Lumbar, Infiltration Cellular, Plasma Cell	2 [3.0]					
Lumbar, Infiltration Cellular, Polymorphnuclr	1 [3.0]			1 [3.0]		
Lumbar, Inflammation						
Mediastinal, Hematopoietic Cell Proliferation						
Mediastinal, Hyperplasia, Lymphoid						
Mediastinal, Infiltration Cellular, Plasma Cell						
Mediastinal, Infiltration Cellular, Polymorphnuclr				1 [3.0]		
Pancreatic, Hyperplasia, Lymphoid						
Popliteal, Hyperplasia, Lymphoid						
Popliteal, Infiltration Cellular, Plasma Cell						
Renal, Hyperplasia, Lymphoid					1 [2.0]	

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

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First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAMNO SSL	CTLCREAMNO SSL	4% AHA NO SSL	10% AHA NO SSL	2% BHA NO SSL	4% BHA NO SSL
Renal, Infiltration Cellular, Plasma Cell	1 [3.0]					
Renal, Infiltration Cellular, Polymorphnuclr	1 [3.0]					
Thoracic, Abscess						
Thoracic, Hyperplasia, Lymphoid						
Thoracic, Infiltration Cellular, Plasma Cell						
Lymph Node, Mandibular	(5)	(3)	(4)	(4)	(4)	(3)
Hemorrhage		1 [2.0]				
Hyperplasia, Lymphoid	3 [2.0]	1 [2.0]	1 [2.0]	4 [2.0]	2 [2.0]	2 [2.0]
Infiltration Cellular, Plasma Cell	3 [1.7]	1 [2.0]			2 [2.0]	
Infiltration Cellular, Polymorphnuclr			2 [3.5]			1 [3.0]
Sinus, Dilatation			1 [2.0]			
Lymph Node, Mesenteric	(0)	(3)	(1)	(1)	(1)	(4)
Hematopoietic Cell Proliferation						
Hyperplasia, Lymphoid		3 [1.3]		1 [2.0]	1 [1.0]	4 [2.0]
Infiltration Cellular, Polymorphnuclr			1 [3.0]			
Spleen	(36)	(18)	(18)	(18)	(18)	(17)
Hematopoietic Cell Proliferation	18 [1.7]	10 [1.4]	13 [1.8]	8 [1.5]	6 [1.2]	6 [1.5]
Hyperplasia, Lymphoid				1 [2.0]		
Thymus	(1)	(0)	(0)	(0)	(1)	(0)
INTEGUMENTARY SYSTEM						
Skin, Control	(36)	(18)	(18)	(18)	(18)	(18)
Abscess						
Acanthosis	1 [2.0]					
Cyst Epithelial Inclusion						1
Dermis, Fibrosis						
Dermis, Inflammation, Granulomatous	32 [1.2]	16 [1.1]	15 [1.0]	16 [1.0]	16 [1.1]	16 [1.1]
Dermis, Inflammation, Pyogranulomat	1 [4.0]				1 [3.0]	
Dermis, Tail, Inflammation, Granulomatous					1 [2.0]	
Dermis, Tail, Inflammation, Pyogranulomat						

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SKH-1/NCTR Mouse MALE	NO CREAMNO SSL	CTLCREAMNO SSL	4% AHA NO SSL	10% AHA NO SSL	2% BHA NO SSL	4% BHA NO SSL
Edema						
Epidermis, Inflammation, Chronic Active	2 [3.5]				1 [3.0]	
Epidermis, Necrosis						
Epidermis, Tail, Inflammation, Chronic Active						
Epidermis, Tail, Necrosis						
Hemorrhage						
Hyperplasia, Squamous						
Tail, Abscess						
Tail, Cyst Epithelial Inclusion	5	2	5	5	5	5
Skin, Site Of Application	(2)	(0)	(1)	(0)	(1)	(1)
Skin, Site of Application	(34)	(18)	(17)	(18)	(17)	(17)
Abscess			1			
Acanthosis		2 [1.0]	2 [1.0]	1 [1.0]	1 [2.0]	1 [1.0]
Cyst Epithelial Inclusion			1	2		2
Dermis, Fibrosis	1 [2.0]					
Dermis, Inflammation, Granulomatous	34 [1.4]	17 [1.5]	16 [1.3]	17 [1.1]	16 [1.5]	16 [1.5]
Dermis, Inflammation, Pyogranulomat			1 [2.0]	1 [3.0]		
Edema						
Epidermis, Inflammation, Chronic Active						
Epidermis, Necrosis			1			
Hyperplasia, Squamous						1 [2.0]
Sebaceous Gl, Hyperplasia					1 [2.0]	
Subcut Tiss, Inflammation, Pyogranulomat						
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(0)	(0)	(0)	(0)
Hyperostosis						
Skeletal Muscle	(0)	(0)	(1)	(0)	(0)	(0)
Inflammation, Pyogranulomat						

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Thrombosis						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(36)	(18)	(18)	(18)	(18)	(17)
Alveolar Epith, Hyperplasia				1 [1.0]	1 [1.0]	1 [1.0]
Alveolus, Inflammation	3 [1.0]		1 [1.0]			1 [1.0]
Bronchiole, Inflammation						
Hemorrhage		1 [2.0]				
Infiltration Cellular, Lymphocyte	1 [1.0]				2 [1.0]	
Leukocytosis						
SPECIAL SENSES SYSTEM						
Ear	(0)	(0)	(0)	(0)	(0)	(0)
Inflammation, Suppurative						
Pinna, Hyperplasia, Squamous						
Eye	(1)	(0)	(1)	(1)	(2)	(0)
Antr Chamber, Inflammation						
Cataract				1		
Cornea, Inflammation					1 [2.0]	
Harderian Gland	(0)	(0)	(0)	(0)	(0)	(0)
Lacrimal Gland	(1)	(1)	(0)	(0)	(0)	(0)
Infiltration Cellular, Lymphocyte	1 [3.0]	1 [2.0]				
URINARY SYSTEM						
Kidney	(0)	(0)	(0)	(0)	(0)	(0)
Abscess						
Cyst						
Embolus Bacterial						

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SKH-1/NCTR Mouse MALE	NO CREAMNO SSL	CTLCREAMNO SSL	4% AHA NO SSL	10% AHA NO SSL	2% BHA NO SSL	4% BHA NO SSL
Infarct						
Infiltration Cellular, Lymphocyte Inflammation, Suppurative						
Urethra	(3)	(1)	(0)	(2)	(3)	(1)
Bulboureth GI, Hemorrhage						
Urinary Bladder	(0)	(0)	(0)	(0)	(0)	(0)
Autolysis						
Inflammation						

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SKH-1/NCTR Mouse MALE	NO CREAM0.3 MED	CTLCREAM0.3 MED	4% AHA 0.3 MED	10% AHA 0.3 MED	2% BHA 0.3 MED	4% BHA 0.3 MED
Disposition Summary						
Animals Initially In Study	36	18	18	18	18	18
Early Deaths						
Moribund Sacrifice	2	1	1	4	1	
Natural Death	2	3	1		3	1
Tumor>10mm			2	3	1	
Survivors						
Moribund Sacrifice						1
Natural Death						1
Terminal Sacrifice	32	14	14	11	12	15
Tumor>10mm					1	
Animals Examined Microscopically	36	18	18	18	18	18
ALIMENTARY SYSTEM						
Esophagus	(0)	(0)	(0)	(1)	(0)	(0)
Dilatation				1		
Gallbladder	(0)	(0)	(0)	(0)	(0)	(0)
Liver	(1)	(3)	(3)	(1)	(3)	(0)
Abscess						
Angiectasis		1 [3.0]				
Basophilic Focus						
Fatty Change						
Hematopoietic Cell Proliferation				1 [4.0]		
Infarct			1			
Inflammation, Chronic						
Inflammation, Diffuse			1 [3.0]			
Metaplasia, Osseous					1	
Necrosis, Focal						
Tension Lipidosis						

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SKH-1/NCTR Mouse MALE	NO CREAM0.3 MED	CTLCREAM0.3 MED	4% AHA 0.3 MED	10% AHA 0.3 MED	2% BHA 0.3 MED	4% BHA 0.3 MED
Mesentery	(0)	(0)	(0)	(0)	(0)	(1)
Fat, Necrosis						1
Pancreas	(0)	(1)	(0)	(0)	(1)	(0)
Accessory Spleen						
Inflammation, Chronic						
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(0)
CARDIOVASCULAR SYSTEM						
Heart	(0)	(1)	(0)	(0)	(0)	(0)
Infarct		1 [3.0]				
Septum Inter, Ventricl Rgt, Abscess						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
Tissue NOS	(0)	(0)	(0)	(0)	(0)	(0)
GENITAL SYSTEM						
Penis	(0)	(0)	(2)	(1)	(0)	(0)
Preputial Gland	(3)	(3)	(1)	(4)	(3)	(2)
Duct, Dilatation	2	3		4	3	1
Inflammation	1 [4.0]			1 [2.0]		1 [3.0]
Inflammation, Suppurative			1 [3.0]			
Parenchym Cell, Atrophy					1 [2.0]	
Seminal Vesicle	(1)	(1)	(1)	(0)	(0)	(0)
Autolysis		1 [4.0]				
Decreased Secretory Fluid			1 [2.0]			
Distended	1					
HEMATOPOIETIC SYSTEM						
Bone Marrow	(36)	(18)	(18)	(18)	(18)	(18)

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SKH-1/NCTR Mouse MALE	NO CREAM0.3 MED	CTLCREAM0.3 MED	4% AHA 0.3 MED	10% AHA 0.3 MED	2% BHA 0.3 MED	4% BHA 0.3 MED
Myeloid Cell, Hyperplasia	5 [2.4]	2 [2.0]	2 [2.5]	8 [2.5]	2 [2.0]	2 [2.0]
Lymph Node	(15)	(10)	(12)	(10)	(4)	(9)
Axillary, Hematopoietic Cell Proliferation				1 [3.0]		
Axillary, Hyperplasia, Lymphoid	9 [1.9]	5 [2.2]	8 [2.0]	8 [2.5]	2 [2.0]	8 [2.0]
Axillary, Infiltration Cellular, Plasma Cell		1 [2.0]	1 [2.0]			
Bronchial, Hyperplasia, Lymphoid						
Deep Cervical, Hyperplasia, Lymphoid						
Deep Cervical, Infiltration Cellular, Plasma Cell						
Hyperplasia, Lymphoid						
Inguinal, Hyperplasia, Lymphoid	4 [2.0]	2 [2.0]	3 [2.0]	8 [2.3]	1 [2.0]	2 [2.0]
Inguinal, Infiltration Cellular, Plasma Cell		1 [2.0]	1 [3.0]			
Inguinal, Infiltration Cellular, Polymorphnuclr						
Lumbar, Abscess				1		
Lumbar, Foreign Body						
Lumbar, Hematopoietic Cell Proliferation				1 [4.0]		
Lumbar, Hyperplasia, Lymphoid	5 [1.8]	3 [2.3]	1 [2.0]	3 [2.3]		1 [2.0]
Lumbar, Infiltration Cellular, Plasma Cell			1 [3.0]			
Lumbar, Infiltration Cellular, Polymorphnuclr						
Lumbar, Inflammation		1 [3.0]				
Mediastinal, Hematopoietic Cell Proliferation				1 [4.0]		
Mediastinal, Hyperplasia, Lymphoid		1 [2.0]		2 [3.0]		
Mediastinal, Infiltration Cellular, Plasma Cell			1 [4.0]			
Mediastinal, Infiltration Cellular, Polymorphnuclr						
Pancreatic, Hyperplasia, Lymphoid			1 [2.0]	1 [2.0]		
Popliteal, Hyperplasia, Lymphoid	1 [1.0]	1 [2.0]	1 [2.0]			
Popliteal, Infiltration Cellular, Plasma Cell		1 [3.0]				
Renal, Hyperplasia, Lymphoid	2 [1.5]	1 [2.0]	1 [2.0]			1 [2.0]

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

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SKH-1/NCTR Mouse MALE	NO CREAM0.3 MED	CTLCREAM0.3 MED	4% AHA 0.3 MED	10% AHA 0.3 MED	2% BHA 0.3 MED	4% BHA 0.3 MED
Renal, Infiltration Cellular, Plasma Cell	1 [3.0]					
Renal, Infiltration Cellular, Polymorphnuclr						
Thoracic, Abscess				1		
Thoracic, Hyperplasia, Lymphoid	1 [2.0]		1 [2.0]			
Thoracic, Infiltration Cellular, Plasma Cell						
Lymph Node, Mandibular Hemorrhage	(8)	(3)	(6)	(5)	(5)	(3)
Hyperplasia, Lymphoid	5 [2.0]	2 [2.0]	6 [2.0]	4 [2.0]	2 [2.0]	3 [2.0]
Infiltration Cellular, Plasma Cell	3 [2.3]	1 [3.0]	2 [2.5]	1 [3.0]	2 [3.0]	
Infiltration Cellular, Polymorphnuclr Sinus, Dilatation						
Lymph Node, Mesenteric Hematopoietic Cell Proliferation	(4)	(2)	(0)	(3)	(1)	(3)
Hyperplasia, Lymphoid	3 [1.7]	2 [2.0]		2 [2.0]		2 [2.0]
Infiltration Cellular, Polymorphnuclr						
Spleen	(36)	(18)	(18)	(18)	(18)	(18)
Hematopoietic Cell Proliferation	27 [1.5]	13 [1.8]	14 [1.9]	13 [2.3]	15 [1.6]	14 [1.8]
Hyperplasia, Lymphoid						
Thymus	(2)	(1)	(1)	(0)	(0)	(0)
INTEGUMENTARY SYSTEM						
Skin, Control	(36)	(18)	(18)	(18)	(18)	(18)
Abscess						
Acanthosis						
Cyst Epithelial Inclusion	2	1			1	2
Dermis, Fibrosis						
Dermis, Inflammation, Granulomatous	35 [1.1]	14 [1.1]	17 [1.1]	16 [1.1]	16 [1.3]	17 [1.1]
Dermis, Inflammation, Pyogranulomat						
Dermis, Tail, Inflammation, Granulomatous						
Dermis, Tail, Inflammation, Pyogranulomat						

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

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:41
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.3 MED	CTLCREAM0.3 MED	4% AHA 0.3 MED	10% AHA 0.3 MED	2% BHA 0.3 MED	4% BHA 0.3 MED
Edema		1 [2.0]				
Epidermis, Inflammation, Chronic Active						
Epidermis, Necrosis						
Epidermis, Tail, Inflammation, Chronic Active						
Epidermis, Tail, Necrosis						
Hemorrhage						
Hyperplasia, Squamous					1 [1.0]	1 [2.0]
Tail, Abscess	1	1				
Tail, Cyst Epithelial Inclusion	5	1	3	1	3	5
Skin, Site Of Application	(0)	(0)	(1)	(0)	(1)	(0)
Skin, Site of Application	(36)	(18)	(17)	(18)	(17)	(18)
Abscess	1	1				
Acanthosis	27 [1.0]	13 [1.1]	15 [1.1]	12 [1.2]	12 [1.0]	3 [1.0]
Cyst Epithelial Inclusion	2	2	3	1	2	
Dermis, Fibrosis						
Dermis, Inflammation, Granulomatous	36 [1.5]	17 [1.5]	17 [1.5]	17 [1.6]	16 [1.6]	18 [1.6]
Dermis, Inflammation, Pyogranulomat					1 [2.0]	
Edema		1 [3.0]				
Epidermis, Inflammation, Chronic Active			1 [2.0]	1 [3.0]		
Epidermis, Necrosis						
Hyperplasia, Squamous	11 [2.4]	10 [3.1]	14 [2.6]	12 [2.7]	6 [2.3]	7 [2.9]
Sebaceous Gl, Hyperplasia						
Subcut Tiss, Inflammation, Pyogranulomat		1 [3.0]				
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(0)	(0)	(0)	(0)
Hyperostosis						
Skeletal Muscle	(0)	(0)	(0)	(0)	(0)	(0)
Inflammation, Pyogranulomat						

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

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:41
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.3 MED	CTLCREAM0.3 MED	4% AHA 0.3 MED	10% AHA 0.3 MED	2% BHA 0.3 MED	4% BHA 0.3 MED
Thrombosis						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(36)	(18)	(18)	(18)	(18)	(18)
Alveolar Epith, Hyperplasia	1 [2.0]	1 [1.0]	2 [1.5]			
Alveolus, Inflammation		1 [1.0]	1 [2.0]	5 [2.0]		2 [2.0]
Bronchiole, Inflammation				1 [2.0]		1 [4.0]
Hemorrhage		1 [2.0]			1 [2.0]	
Infiltration Cellular, Lymphocyte	2 [1.0]	2 [1.0]				
Leukocytosis						
SPECIAL SENSES SYSTEM						
Ear	(0)	(0)	(0)	(1)	(0)	(0)
Inflammation, Suppurative						
Pinna, Hyperplasia, Squamous				1 [2.0]		
Eye	(2)	(1)	(1)	(0)	(0)	(0)
Antr Chamber, Inflammation						
Cataract						
Cornea, Inflammation	1 [2.0]					
Harderian Gland	(0)	(1)	(0)	(0)	(0)	(0)
Lacrimal Gland	(0)	(0)	(0)	(0)	(0)	(0)
Infiltration Cellular, Lymphocyte						
URINARY SYSTEM						
Kidney	(0)	(0)	(1)	(4)	(0)	(1)
Abscess				2		
Cyst						1
Embolus Bacterial						

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

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

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
 AVERAGE SEVERITY GRADES[b]**
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:42:41
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.3 MED	CTLCREAM0.3 MED	4% AHA 0.3 MED	10% AHA 0.3 MED	2% BHA 0.3 MED	4% BHA 0.3 MED
Infarct						
Infiltration Cellular, Lymphocyte Inflammation, Suppurative			1 [4.0]	2 [2.0]		
Urethra	(4)	(2)	(1)	(2)	(2)	(4)
Bulboureth GI, Hemorrhage						1 [3.0]
Urinary Bladder	(0)	(1)	(1)	(0)	(0)	(0)
Autolysis		1				
Inflammation			1 [2.0]			

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

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
 AVERAGE SEVERITY GRADES[b]**
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:42:41
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.6 MED	CTLCREAM0.6 MED	4% AHA 0.6 MED	10% AHA 0.6 MED	2% BHA 0.6 MED	4% BHA 0.6 MED
Disposition Summary						
Animals Initially In Study	36	18	18	18	18	18
Early Deaths						
Moribund Sacrifice	3	3	3	6	5	4
Natural Death	4		4	1		2
Tumor>10mm	26	14	11	10	8	8
Survivors						
Moribund Sacrifice					1	1
Natural Death						1
Terminal Sacrifice	3				2	1
Tumor>10mm		1		1	2	1
Animals Examined Microscopically	36	18	18	18	18	18
ALIMENTARY SYSTEM						
Esophagus	(0)	(0)	(0)	(0)	(0)	(0)
Dilatation						
Gallbladder	(0)	(0)	(0)	(0)	(0)	(0)
Liver	(2)	(2)	(2)	(3)	(2)	(2)
Abscess			1			
Angiectasis						
Basophilic Focus	1					
Fatty Change						
Hematopoietic Cell Proliferation		2 [2.0]		1 [2.0]	1 [2.0]	
Infarct	1		1		1	1
Inflammation, Chronic						
Inflammation, Diffuse						2 [4.0]
Metaplasia, Osseous						
Necrosis, Focal						1 [4.0]
Tension Lipidosis						

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

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

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:41
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.6 MED	CTLCREAM0.6 MED	4% AHA 0.6 MED	10% AHA 0.6 MED	2% BHA 0.6 MED	4% BHA 0.6 MED
Mesentery	(1)	(0)	(0)	(0)	(0)	(0)
Fat, Necrosis						
Pancreas	(0)	(0)	(1)	(0)	(1)	(1)
Accessory Spleen			1			
Inflammation, Chronic						1 [3.0]
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(0)
CARDIOVASCULAR SYSTEM						
Heart	(1)	(0)	(0)	(0)	(0)	(0)
Infarct						
Septum Inter, Ventricl Rgt, Abscess	1					
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
Tissue NOS	(1)	(0)	(0)	(1)	(0)	(0)
GENITAL SYSTEM						
Penis	(0)	(0)	(1)	(0)	(0)	(0)
Preputial Gland	(3)	(0)	(2)	(0)	(2)	(2)
Duct, Dilatation	3		1		1	2
Inflammation	1 [2.0]		1 [4.0]		1 [2.0]	
Inflammation, Suppurative						
Parenchym Cell, Atrophy			1 [3.0]			
Seminal Vesicle	(5)	(0)	(0)	(0)	(0)	(0)
Autolysis						
Decreased Secretory Fluid	1 [3.0]					
Distended	2					
HEMATOPOIETIC SYSTEM						
Bone Marrow	(36)	(18)	(17)	(18)	(18)	(17)

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

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

Experiment Number: 97010-01

Test Type: 1-YEAR

Species/Strain: Mouse/SKH-1/NCTR

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

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)

CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014

Time Report Requested: 12:42:41

First Dose M/F: NA / NA

Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.6 MED	CTLCREAM0.6 MED	4% AHA 0.6 MED	10% AHA 0.6 MED	2% BHA 0.6 MED	4% BHA 0.6 MED
Myeloid Cell, Hyperplasia	22 [2.2]	9 [2.3]	11 [2.4]	11 [2.5]	12 [2.3]	8 [2.1]
Lymph Node	(28)	(18)	(13)	(13)	(15)	(13)
Axillary, Hematopoietic Cell Proliferation						
Axillary, Hyperplasia, Lymphoid	21 [2.3]	15 [2.3]	10 [2.2]	12 [2.5]	14 [2.4]	12 [2.1]
Axillary, Infiltration Cellular, Plasma Cell	7 [2.6]	2 [2.5]	6 [2.5]	5 [2.6]	3 [2.3]	1 [2.0]
Bronchial, Hyperplasia, Lymphoid	1 [3.0]	1 [3.0]				
Deep Cervical, Hyperplasia, Lymphoid						1 [3.0]
Deep Cervical, Infiltration Cellular, Plasma Cell						
Hyperplasia, Lymphoid	1 [2.0]			1 [2.0]		
Inguinal, Hyperplasia, Lymphoid	15 [2.5]	11 [2.1]	8 [2.0]	9 [2.6]	8 [2.1]	9 [2.0]
Inguinal, Infiltration Cellular, Plasma Cell	7 [2.7]		4 [2.5]	2 [2.0]	4 [2.8]	
Inguinal, Infiltration Cellular, Polymorphnuclr						
Lumbar, Abscess						
Lumbar, Foreign Body						
Lumbar, Hematopoietic Cell Proliferation						1 [3.0]
Lumbar, Hyperplasia, Lymphoid	7 [2.0]	5 [2.4]		3 [2.3]		4 [2.0]
Lumbar, Infiltration Cellular, Plasma Cell	3 [3.0]	1 [3.0]		1 [2.0]		1 [2.0]
Lumbar, Infiltration Cellular, Polymorphnuclr						
Lumbar, Inflammation						
Mediastinal, Hematopoietic Cell Proliferation						
Mediastinal, Hyperplasia, Lymphoid					2 [3.5]	
Mediastinal, Infiltration Cellular, Plasma Cell						
Mediastinal, Infiltration Cellular, Polymorphnuclr						
Pancreatic, Hyperplasia, Lymphoid						
Popliteal, Hyperplasia, Lymphoid						
Popliteal, Infiltration Cellular, Plasma Cell						
Renal, Hyperplasia, Lymphoid	4 [2.0]	1 [2.0]	1 [2.0]	2 [2.0]		1 [2.0]

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

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

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:41
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.6 MED	CTLCREAM0.6 MED	4% AHA 0.6 MED	10% AHA 0.6 MED	2% BHA 0.6 MED	4% BHA 0.6 MED
Renal, Infiltration Cellular, Plasma Cell				1 [2.0]		
Renal, Infiltration Cellular, Polymorphnuclr						
Thoracic, Abscess						
Thoracic, Hyperplasia, Lymphoid	2 [2.0]			1 [2.0]		
Thoracic, Infiltration Cellular, Plasma Cell				1 [2.0]		
Lymph Node, Mandibular Hemorrhage	(11)	(7)	(8)	(6)	(9)	(7)
Hyperplasia, Lymphoid	11 [2.0]	6 [2.0]	6 [2.2]	6 [2.2]	5 [2.4]	4 [2.0]
Infiltration Cellular, Plasma Cell	6 [2.5]	2 [2.5]	4 [2.5]	5 [2.2]	7 [2.3]	5 [2.6]
Infiltration Cellular, Polymorphnuclr Sinus, Dilatation				1 [3.0]		
Lymph Node, Mesenteric Hematopoietic Cell Proliferation	(1)	(0)	(1)	(0)	(0)	(1)
Hyperplasia, Lymphoid	1 [2.0]		1 [2.0]			1 [2.0]
Infiltration Cellular, Polymorphnuclr						
Spleen	(36)	(18)	(17)	(18)	(18)	(17)
Hematopoietic Cell Proliferation	36 [2.6]	18 [2.7]	16 [2.6]	18 [2.7]	18 [2.7]	16 [2.8]
Hyperplasia, Lymphoid						1 [3.0]
Thymus	(1)	(0)	(0)	(0)	(0)	(0)
INTEGUMENTARY SYSTEM						
Skin, Control	(36)	(18)	(18)	(18)	(18)	(18)
Abscess						1
Acanthosis	1 [1.0]					1 [1.0]
Cyst Epithelial Inclusion			1			1
Dermis, Fibrosis					1 [3.0]	
Dermis, Inflammation, Granulomatous	33 [1.2]	18 [1.1]	14 [1.0]	16 [1.1]	16 [1.4]	17 [1.1]
Dermis, Inflammation, Pyogranulomat				1 [4.0]	1 [3.0]	3 [3.7]
Dermis, Tail, Inflammation, Granulomatous						
Dermis, Tail, Inflammation, Pyogranulomat	2 [4.0]					

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

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

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:42
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.6 MED	CTLCREAM0.6 MED	4% AHA 0.6 MED	10% AHA 0.6 MED	2% BHA 0.6 MED	4% BHA 0.6 MED
Edema						
Epidermis, Inflammation, Chronic Active	1 [3.0]			1 [4.0]	1 [2.0]	2 [3.5]
Epidermis, Necrosis			1 [4.0]			
Epidermis, Tail, Inflammation, Chronic Active	2 [4.0]		1 [3.0]	2 [3.0]		2 [3.0]
Epidermis, Tail, Necrosis		1 [3.0]				
Hemorrhage	1 [3.0]					
Hyperplasia, Squamous	1 [3.0]		1 [4.0]		2 [2.0]	1 [2.0]
Tail, Abscess						
Tail, Cyst Epithelial Inclusion		1				
Skin, Site Of Application	(0)	(0)	(0)	(0)	(0)	(0)
Skin, Site of Application	(36)	(18)	(18)	(18)	(18)	(18)
Abscess	2			2	1	
Acanthosis	30 [1.2]	15 [1.2]	17 [1.4]	16 [1.4]	14 [1.4]	14 [1.1]
Cyst Epithelial Inclusion						1
Dermis, Fibrosis	1 [3.0]					
Dermis, Inflammation, Granulomatous	34 [1.6]	18 [1.6]	15 [1.8]	15 [1.5]	16 [1.6]	17 [1.7]
Dermis, Inflammation, Pyogranulomat	1 [4.0]		1 [4.0]		2 [2.0]	
Edema						
Epidermis, Inflammation, Chronic Active	3 [3.3]	1 [2.0]		1 [4.0]	2 [3.0]	2 [3.0]
Epidermis, Necrosis						
Hyperplasia, Squamous	17 [3.2]	14 [3.2]	11 [3.5]	15 [3.6]	14 [3.4]	16 [3.4]
Sebaceous Gl, Hyperplasia						
Subcut Tiss, Inflammation, Pyogranulomat						
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(0)	(0)	(0)	(0)
Hyperostosis						
Skeletal Muscle	(1)	(0)	(0)	(0)	(1)	(0)
Inflammation, Pyogranulomat					1 [4.0]	

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

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

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:42
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.6 MED	CTLCREAM0.6 MED	4% AHA 0.6 MED	10% AHA 0.6 MED	2% BHA 0.6 MED	4% BHA 0.6 MED
Thrombosis	1 [4.0]					
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(36)	(18)	(17)	(18)	(18)	(17)
Alveolar Epith, Hyperplasia			1 [2.0]			1 [1.0]
Alveolus, Inflammation	9 [1.4]	3 [1.3]	4 [1.0]	2 [1.5]	1 [1.0]	3 [1.3]
Bronchiole, Inflammation	1 [3.0]					
Hemorrhage		1 [2.0]	2 [1.5]	1 [2.0]		
Infiltration Cellular, Lymphocyte	1 [1.0]	6 [1.7]		1 [2.0]	1 [1.0]	
Leukocytosis			1 [3.0]			
SPECIAL SENSES SYSTEM						
Ear	(0)	(0)	(0)	(1)	(0)	(0)
Inflammation, Suppurative				1 [4.0]		
Pinna, Hyperplasia, Squamous						
Eye	(2)	(0)	(1)	(1)	(1)	(0)
Antr Chamber, Inflammation				1 [3.0]		
Cataract	1					
Cornea, Inflammation				1 [4.0]	1 [2.0]	
Harderian Gland	(0)	(0)	(0)	(0)	(0)	(0)
Lacrimal Gland	(0)	(0)	(0)	(0)	(0)	(0)
Infiltration Cellular, Lymphocyte						
URINARY SYSTEM						
Kidney	(1)	(1)	(1)	(2)	(1)	(3)
Abscess						
Cyst			1			
Embolus Bacterial						1 [4.0]

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

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

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
 AVERAGE SEVERITY GRADES[b]**
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:42
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.6 MED	CTLCREAM0.6 MED	4% AHA 0.6 MED	10% AHA 0.6 MED	2% BHA 0.6 MED	4% BHA 0.6 MED
Infarct					1	
Infiltration Cellular, Lymphocyte Inflammation, Suppurative	1 [1.0]	1 [2.0]		2 [1.5]		1 [4.0]
Urethra	(1)	(0)	(1)	(1)	(1)	(2)
Bulboureth GI, Hemorrhage						
Urinary Bladder	(0)	(0)	(0)	(0)	(0)	(0)
Autolysis						
Inflammation						

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

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:42
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
Disposition Summary	
Animals Initially In Study	36
Early Deaths	
Moribund Sacrifice	18
Natural Death	6
Tumor>10mm	12
Survivors	
Moribund Sacrifice	
Natural Death	
Terminal Sacrifice	
Tumor>10mm	
Animals Examined Microscopically	35

ALIMENTARY SYSTEM

Esophagus	(0)
Dilatation	
Gallbladder	(0)
Liver	(3)
Abscess	
Angiectasis	
Basophilic Focus	
Fatty Change	
Hematopoietic Cell Proliferation	
Infarct	1
Inflammation, Chronic	1 [1.0]
Inflammation, Diffuse	
Metaplasia, Osseous	
Necrosis, Focal	
Tension Lipidosis	

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

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

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:42
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
Mesentery	(0)
Fat, Necrosis	
Pancreas	(0)
Accessory Spleen	
Inflammation, Chronic	
Salivary Glands	(0)
<hr/>	
CARDIOVASCULAR SYSTEM	
Heart	(0)
Infarct	
Septum Inter, Ventricle Rgt, Abscess	
<hr/>	
ENDOCRINE SYSTEM	
None	
<hr/>	
GENERAL BODY SYSTEM	
Tissue NOS	(1)
<hr/>	
GENITAL SYSTEM	
Penis	(0)
Preputial Gland	(3)
Duct, Dilatation	2
Inflammation	2 [2.5]
Inflammation, Suppurative	
Parenchym Cell, Atrophy	
Seminal Vesicle	(0)
Autolysis	
Decreased Secretory Fluid	
Distended	
<hr/>	
HEMATOPOIETIC SYSTEM	
Bone Marrow	(33)

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

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

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:42
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
Myeloid Cell, Hyperplasia	26 [2.3]
Lymph Node	(20)
Axillary, Hematopoietic Cell Proliferation	
Axillary, Hyperplasia, Lymphoid	13 [2.1]
Axillary, Infiltration Cellular, Plasma Cell	3 [2.7]
Bronchial, Hyperplasia, Lymphoid	
Deep Cervical, Hyperplasia, Lymphoid	2 [2.0]
Deep Cervical, Infiltration Cellular, Plasma Cell	1 [3.0]
Hyperplasia, Lymphoid	1 [2.0]
Inguinal, Hyperplasia, Lymphoid	15 [2.3]
Inguinal, Infiltration Cellular, Plasma Cell	4 [2.5]
Inguinal, Infiltration Cellular, Polymorphnuclr	
Lumbar, Abscess	
Lumbar, Foreign Body	
Lumbar, Hematopoietic Cell Proliferation	
Lumbar, Hyperplasia, Lymphoid	8 [2.3]
Lumbar, Infiltration Cellular, Plasma Cell	3 [2.7]
Lumbar, Infiltration Cellular, Polymorphnuclr	
Lumbar, Inflammation	
Mediastinal, Hematopoietic Cell Proliferation	
Mediastinal, Hyperplasia, Lymphoid	2 [2.0]
Mediastinal, Infiltration Cellular, Plasma Cell	1 [2.0]
Mediastinal, Infiltration Cellular, Polymorphnuclr	
Pancreatic, Hyperplasia, Lymphoid	3 [2.7]
Popliteal, Hyperplasia, Lymphoid	
Popliteal, Infiltration Cellular, Plasma Cell	
Renal, Hyperplasia, Lymphoid	5 [2.2]

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Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
 AVERAGE SEVERITY GRADES[b]**
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:42
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
Renal, Infiltration Cellular, Plasma Cell	1 [4.0]
Renal, Infiltration Cellular, Polymorphnuclr	
Thoracic, Abscess	
Thoracic, Hyperplasia, Lymphoid	
Thoracic, Infiltration Cellular, Plasma Cell	
Lymph Node, Mandibular	(8)
Hemorrhage	
Hyperplasia, Lymphoid	5 [2.0]
Infiltration Cellular, Plasma Cell	6 [2.8]
Infiltration Cellular, Polymorphnuclr	
Sinus, Dilatation	
Lymph Node, Mesenteric	(2)
Hematopoietic Cell Proliferation	
Hyperplasia, Lymphoid	1 [2.0]
Infiltration Cellular, Polymorphnuclr	
Spleen	(33)
Hematopoietic Cell Proliferation	32 [2.7]
Hyperplasia, Lymphoid	
Thymus	(1)
INTEGUMENTARY SYSTEM	
Skin, Control	(35)
Abscess	
Acanthosis	1 [1.0]
Cyst Epithelial Inclusion	
Dermis, Fibrosis	
Dermis, Inflammation, Granulomatous	26 [1.0]
Dermis, Inflammation, Pyogranulomat	1 [2.0]
Dermis, Tail, Inflammation, Granulomatous	
Dermis, Tail, Inflammation, Pyogranulomat	

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

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
 AVERAGE SEVERITY GRADES[b]**
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:42
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
Edema	
Epidermis, Inflammation, Chronic Active	1 [4.0]
Epidermis, Necrosis	
Epidermis, Tail, Inflammation, Chronic Active	
Epidermis, Tail, Necrosis	
Hemorrhage	
Hyperplasia, Squamous	1 [3.0]
Tail, Abscess	
Tail, Cyst Epithelial Inclusion	
Skin, Site Of Application	(1)
Skin, Site of Application	(34)
Abscess	2
Acanthosis	28 [1.3]
Cyst Epithelial Inclusion	
Dermis, Fibrosis	
Dermis, Inflammation, Granulomatous	29 [1.6]
Dermis, Inflammation, Pyogranulomat	
Edema	
Epidermis, Inflammation, Chronic Active	4 [3.8]
Epidermis, Necrosis	
Hyperplasia, Squamous	19 [3.6]
Sebaceous Gl, Hyperplasia	
Subcut Tiss, Inflammation, Pyogranulomat	
MUSCULOSKELETAL SYSTEM	
Bone	(1)
Hyperostosis	1
Skeletal Muscle	(0)
Inflammation, Pyogranulomat	

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

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

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

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

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:42
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
Thrombosis	
NERVOUS SYSTEM	
None	
RESPIRATORY SYSTEM	
Lung	(33)
Alveolar Epith, Hyperplasia	
Alveolus, Inflammation	6 [1.2]
Bronchiole, Inflammation	
Hemorrhage	1 [2.0]
Infiltration Cellular, Lymphocyte	1 [1.0]
Leukocytosis	1 [2.0]
SPECIAL SENSES SYSTEM	
Ear	(0)
Inflammation, Suppurative	
Pinna, Hyperplasia, Squamous	
Eye	(3)
Antr Chamber, Inflammation	
Cataract	1
Cornea, Inflammation	1 [2.0]
Harderian Gland	(0)
Lacrimal Gland	(3)
Infiltration Cellular, Lymphocyte	3 [3.0]
URINARY SYSTEM	
Kidney	(2)
Abscess	
Cyst	
Embolus Bacterial	

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Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

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

Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:42:42
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
Infarct	
Infiltration Cellular, Lymphocyte Inflammation, Suppurative	2 [1.0]
Urethra	(1)
Bulboureth GI, Hemorrhage	
Urinary Bladder	(0)
Autolysis	
Inflammation	

**** END OF REPORT ****

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