

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

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

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:43:45  
**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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 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
<b>Disposition Summary</b>						
Animals Initially In Study	36	18	18	18	18	18
<b>Early Deaths</b>						
Moribund Sacrifice	3		1	1	1	
Natural Death	2	2	1			1
Tumor>10mm						
<b>Survivors</b>						
Moribund Sacrifice			1			
Natural Death						
Terminal Sacrifice	31	16	15	17	17	17
Tumor>10mm						
Animals Examined Microscopically	36	18	18	18	18	18
<b>ALIMENTARY SYSTEM</b>						
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 (33%)		1 (50%)	
Fatty Change			1 (33%)			
Hematopoietic Cell Proliferation						
Infarct						
Inflammation, Chronic				1 (25%)		
Inflammation, Diffuse						
Metaplasia, Osseous						
Necrosis, Focal		3 (100%)		1 (25%)		
Tension Lipidosis					1 (50%)	
Mesentery	(0)	(0)	(0)	(0)	(0)	(0)

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

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

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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
Fat, Necrosis						
Pancreas	(1)	(0)	(0)	(0)	(1)	(0)
Accessory Spleen						
Inflammation, Chronic						
Salivary Glands	(0)	(0)	(0)	(0)	(1)	(0)
<b>CARDIOVASCULAR SYSTEM</b>						
Heart	(0)	(0)	(0)	(0)	(0)	(0)
Infarct						
Septum Inter, Ventricl Rgt, Abscess						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
Tissue NOS	(0)	(0)	(0)	(0)	(0)	(0)
<b>GENITAL SYSTEM</b>						
Penis	(1)	(0)	(0)	(0)	(0)	(0)
Preputial Gland	(6)	(4)	(2)	(1)	(2)	(2)
Duct, Dilatation	5 (83%)	4 (100%)	2 (100%)	1 (100%)	2 (100%)	2 (100%)
Inflammation	1 (17%)					
Inflammation, Suppurative	1 (17%)					
Parenchym Cell, Atrophy						
Seminal Vesicle	(0)	(0)	(0)	(0)	(0)	(0)
Autolysis						
Decreased Secretory Fluid						
Distended						
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(36)	(18)	(18)	(18)	(18)	(17)
Myeloid Cell, Hyperplasia	1 (3%)	1 (6%)	3 (17%)			
Lymph Node	(5)	(4)	(2)	(2)	(5)	(3)

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
Axillary, Hematopoietic Cell Proliferation						
Axillary, Hyperplasia, Lymphoid	2 (40%)	4 (100%)	1 (50%)	1 (50%)	4 (80%)	2 (67%)
Axillary, Infiltration Cellular, Plasma Cell						
Bronchial, Hyperplasia, Lymphoid						
Deep Cervical, Hyperplasia, Lymphoid						
Deep Cervical, Infiltration Cellular, Plasma Cell						
Hyperplasia, Lymphoid						
Inguinal, Hyperplasia, Lymphoid	2 (40%)	1 (25%)			1 (20%)	2 (67%)
Inguinal, Infiltration Cellular, Plasma Cell	1 (20%)					
Inguinal, Infiltration Cellular, Polymorphnuclr			1 (50%)			
Lumbar, Abscess						
Lumbar, Foreign Body		1 (25%)				
Lumbar, Hematopoietic Cell Proliferation						
Lumbar, Hyperplasia, Lymphoid	2 (40%)	1 (25%)			1 (20%)	1 (33%)
Lumbar, Infiltration Cellular, Plasma Cell	2 (40%)					
Lumbar, Infiltration Cellular, Polymorphnuclr	1 (20%)			1 (50%)		
Lumbar, Inflammation						
Mediastinal, Hematopoietic Cell Proliferation						
Mediastinal, Hyperplasia, Lymphoid						
Mediastinal, Infiltration Cellular, Plasma Cell						
Mediastinal, Infiltration Cellular, Polymorphnuclr				1 (50%)		
Pancreatic, Hyperplasia, Lymphoid						
Popliteal, Hyperplasia, Lymphoid						
Popliteal, Infiltration Cellular, Plasma Cell						
Renal, Hyperplasia, Lymphoid					1 (50%)	
Renal, Infiltration Cellular, Plasma Cell	1 (20%)					
Renal, Infiltration Cellular, Polymorphnuclr	1 (20%)					

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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
Thoracic, Abscess						
Thoracic, Hyperplasia, Lymphoid						
Thoracic, Infiltration Cellular, Plasma Cell						
Lymph Node, Mandibular	(5)	(3)	(4)	(4)	(4)	(3)
Hemorrhage		1 (33%)				
Hyperplasia, Lymphoid	3 (60%)	1 (33%)	1 (25%)	4 (100%)	2 (50%)	2 (67%)
Infiltration Cellular, Plasma Cell	3 (60%)	1 (33%)			2 (50%)	
Infiltration Cellular, Polymorphnuclr			2 (50%)			1 (33%)
Sinus, Dilatation			1 (25%)			
Lymph Node, Mesenteric	(0)	(3)	(1)	(1)	(1)	(4)
Hematopoietic Cell Proliferation						
Hyperplasia, Lymphoid		3 (100%)		1 (100%)	1 (100%)	4 (100%)
Infiltration Cellular, Polymorphnuclr			1 (100%)			
Spleen	(36)	(18)	(18)	(18)	(18)	(17)
Hematopoietic Cell Proliferation	18 (50%)	10 (56%)	13 (72%)	8 (44%)	6 (33%)	6 (35%)
Hyperplasia, Lymphoid				1 (6%)		
Thymus	(1)	(0)	(0)	(0)	(1)	(0)
<b>INTEGUMENTARY SYSTEM</b>						
Skin, Control	(36)	(18)	(18)	(18)	(18)	(18)
Abscess						
Acanthosis	1 (3%)					
Cyst Epithelial Inclusion						1 (6%)
Dermis, Fibrosis						
Dermis, Inflammation, Granulomatous	32 (89%)	16 (89%)	15 (83%)	16 (89%)	16 (89%)	16 (89%)
Dermis, Inflammation, Pyogranulomat	1 (3%)				1 (6%)	
Dermis, Tail, Inflammation, Granulomatous					1 (6%)	
Dermis, Tail, Inflammation, Pyogranulomat						
Edema						
Epidermis, Inflammation, Chronic Active	2 (6%)				1 (6%)	
Epidermis, Necrosis						

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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
Epidermis, Tail, Inflammation, Chronic Active						
Epidermis, Tail, Necrosis						
Hemorrhage						
Hyperplasia, Squamous						
Tail, Abscess						
Tail, Cyst Epithelial Inclusion	5 (14%)	2 (11%)	5 (28%)	5 (28%)	5 (28%)	5 (28%)
Skin, Site Of Application	(2)	(0)	(1)	(0)	(1)	(1)
Skin, Site of Application	(34)	(18)	(17)	(18)	(17)	(17)
Abscess			1 (6%)			
Acanthosis		2 (11%)	2 (12%)	1 (6%)	1 (6%)	1 (6%)
Cyst Epithelial Inclusion			1 (6%)	2 (11%)		2 (12%)
Dermis, Fibrosis	1 (3%)					
Dermis, Inflammation, Granulomatous	34 (100%)	17 (94%)	16 (94%)	17 (94%)	16 (94%)	16 (94%)
Dermis, Inflammation, Pyogranulomat			1 (6%)	1 (6%)		
Edema						
Epidermis, Inflammation, Chronic Active						
Epidermis, Necrosis			1 (6%)			
Hyperplasia, Squamous						1 (6%)
Sebaceous Gl, Hyperplasia					1 (6%)	
Subcut Tiss, Inflammation, Pyogranulomat						
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(0)	(0)	(0)	(0)	(0)	(0)
Hyperostosis						
Skeletal Muscle	(0)	(0)	(1)	(0)	(0)	(0)
Inflammation, Pyogranulomat						
Thrombosis						
<b>NERVOUS SYSTEM</b>						
None						

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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
<b>RESPIRATORY SYSTEM</b>						
Lung	(36)	(18)	(18)	(18)	(18)	(17)
Alveolar Epith, Hyperplasia				1 (6%)	1 (6%)	1 (6%)
Alveolus, Inflammation	3 (8%)		1 (6%)			1 (6%)
Bronchiole, Inflammation						
Hemorrhage		1 (6%)				
Infiltration Cellular, Lymphocyte	1 (3%)				2 (11%)	
Leukocytosis						
<b>SPECIAL SENSES SYSTEM</b>						
Ear	(0)	(0)	(0)	(0)	(0)	(0)
Inflammation, Suppurative						
Pinna, Hyperplasia, Squamous						
Eye	(1)	(0)	(1)	(1)	(2)	(0)
Antr Chamber, Inflammation						
Cataract				1 (100%)		
Cornea, Inflammation					1 (50%)	
Harderian Gland	(0)	(0)	(0)	(0)	(0)	(0)
Lacrimal Gland	(1)	(1)	(0)	(0)	(0)	(0)
Infiltration Cellular, Lymphocyte	1 (100%)	1 (100%)				
<b>URINARY SYSTEM</b>						
Kidney	(0)	(0)	(0)	(0)	(0)	(0)
Abscess						
Cyst						
Embolus Bacterial						
Infarct						
Infiltration Cellular, Lymphocyte						
Inflammation, Suppurative						
Urethra	(3)	(1)	(0)	(2)	(3)	(1)
Bulboureth GI, Hemorrhage						

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

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

**CAS Number:** HYDROXYGLYCOLIC ACID

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:43:46

**First Dose M/F:** NA / NA

**Lab:** NCTR

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<b>SKH-1/NCTR Mouse MALE</b>	<b>NO CREAMNO SSL</b>	<b>CTLCREAMNO SSL</b>	<b>4% AHA NO SSL</b>	<b>10% AHA NO SSL</b>	<b>2% BHA NO SSL</b>	<b>4% BHA NO SSL</b>
Urinary Bladder Autolysis Inflammation	(0)	(0)	(0)	(0)	(0)	(0)

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 CAS Number: HYDROXYGLYSAL

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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
<b>Disposition Summary</b>						
Animals Initially In Study	36	18	18	18	18	18
<b>Early Deaths</b>						
Moribund Sacrifice	2	1	1	4	1	
Natural Death	2	3	1		3	1
Tumor>10mm			2	3	1	
<b>Survivors</b>						
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
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(0)	(0)	(0)	(1)	(0)	(0)
Dilatation				1 (100%)		
Gallbladder	(0)	(0)	(0)	(0)	(0)	(0)
Liver	(1)	(3)	(3)	(1)	(3)	(0)
Abscess						
Angiectasis		1 (33%)				
Basophilic Focus						
Fatty Change						
Hematopoietic Cell Proliferation				1 (100%)		
Infarct			1 (33%)			
Inflammation, Chronic						
Inflammation, Diffuse			1 (33%)			
Metaplasia, Osseous					1 (33%)	
Necrosis, Focal						
Tension Lipidosis						
Mesentery	(0)	(0)	(0)	(0)	(0)	(1)

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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
Fat, Necrosis						1 (100%)
Pancreas	(0)	(1)	(0)	(0)	(1)	(0)
Accessory Spleen						
Inflammation, Chronic						
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(0)
<b>CARDIOVASCULAR SYSTEM</b>						
Heart	(0)	(1)	(0)	(0)	(0)	(0)
Infarct		1 (100%)				
Septum Inter, Ventricl Rgt, Abscess						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
Tissue NOS	(0)	(0)	(0)	(0)	(0)	(0)
<b>GENITAL SYSTEM</b>						
Penis	(0)	(0)	(2)	(1)	(0)	(0)
Preputial Gland	(3)	(3)	(1)	(4)	(3)	(2)
Duct, Dilatation	2 (67%)	3 (100%)		4 (100%)	3 (100%)	1 (50%)
Inflammation	1 (33%)			1 (25%)		1 (50%)
Inflammation, Suppurative			1 (100%)			
Parenchym Cell, Atrophy					1 (33%)	
Seminal Vesicle	(1)	(1)	(1)	(0)	(0)	(0)
Autolysis		1 (100%)				
Decreased Secretory Fluid			1 (100%)			
Distended	1 (100%)					
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(36)	(18)	(18)	(18)	(18)	(18)
Myeloid Cell, Hyperplasia	5 (14%)	2 (11%)	2 (11%)	8 (44%)	2 (11%)	2 (11%)
Lymph Node	(15)	(10)	(12)	(10)	(4)	(9)

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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
Axillary, Hematopoietic Cell Proliferation				1 (10%)		
Axillary, Hyperplasia, Lymphoid	9 (60%)	5 (50%)	8 (67%)	8 (80%)	2 (50%)	8 (89%)
Axillary, Infiltration Cellular, Plasma Cell		1 (10%)	1 (8%)			
Bronchial, Hyperplasia, Lymphoid						
Deep Cervical, Hyperplasia, Lymphoid						
Deep Cervical, Infiltration Cellular, Plasma Cell						
Hyperplasia, Lymphoid						
Inguinal, Hyperplasia, Lymphoid	4 (27%)	2 (20%)	3 (25%)	8 (80%)	1 (25%)	2 (22%)
Inguinal, Infiltration Cellular, Plasma Cell		1 (10%)	1 (8%)			
Inguinal, Infiltration Cellular, Polymorphnuclr						
Lumbar, Abscess				1 (10%)		
Lumbar, Foreign Body						
Lumbar, Hematopoietic Cell Proliferation				1 (10%)		
Lumbar, Hyperplasia, Lymphoid	5 (33%)	3 (30%)	1 (8%)	3 (30%)		1 (11%)
Lumbar, Infiltration Cellular, Plasma Cell			1 (8%)			
Lumbar, Infiltration Cellular, Polymorphnuclr						
Lumbar, Inflammation		1 (10%)				
Mediastinal, Hematopoietic Cell Proliferation				1 (10%)		
Mediastinal, Hyperplasia, Lymphoid		1 (10%)		2 (20%)		
Mediastinal, Infiltration Cellular, Plasma Cell			1 (8%)			
Mediastinal, Infiltration Cellular, Polymorphnuclr						
Pancreatic, Hyperplasia, Lymphoid			1 (8%)	1 (10%)		
Popliteal, Hyperplasia, Lymphoid	1 (7%)	1 (10%)	1 (8%)			
Popliteal, Infiltration Cellular, Plasma Cell		1 (10%)				
Renal, Hyperplasia, Lymphoid	2 (13%)	1 (10%)	1 (8%)			1 (11%)
Renal, Infiltration Cellular, Plasma Cell	1 (7%)					
Renal, Infiltration Cellular, Polymorphnuclr						

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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
Thoracic, Abscess				1 (10%)		
Thoracic, Hyperplasia, Lymphoid	1 (7%)		1 (8%)			
Thoracic, Infiltration Cellular, Plasma Cell						
Lymph Node, Mandibular Hemorrhage	(8)	(3)	(6)	(5)	(5)	(3)
Hyperplasia, Lymphoid	5 (63%)	2 (67%)	6 (100%)	4 (80%)	2 (40%)	3 (100%)
Infiltration Cellular, Plasma Cell	3 (38%)	1 (33%)	2 (33%)	1 (20%)	2 (40%)	
Infiltration Cellular, Polymorphnuclr Sinus, Dilatation						
Lymph Node, Mesenteric Hematopoietic Cell Proliferation	(4)	(2)	(0)	(3)	(1)	(3)
Hyperplasia, Lymphoid	3 (75%)	2 (100%)		2 (67%)		2 (67%)
Infiltration Cellular, Polymorphnuclr				2 (67%)		
Spleen	(36)	(18)	(18)	(18)	(18)	(18)
Hematopoietic Cell Proliferation	27 (75%)	13 (72%)	14 (78%)	13 (72%)	15 (83%)	14 (78%)
Hyperplasia, Lymphoid						
Thymus	(2)	(1)	(1)	(0)	(0)	(0)
<b>INTEGUMENTARY SYSTEM</b>						
Skin, Control	(36)	(18)	(18)	(18)	(18)	(18)
Abscess						
Acanthosis						
Cyst Epithelial Inclusion	2 (6%)	1 (6%)			1 (6%)	2 (11%)
Dermis, Fibrosis						
Dermis, Inflammation, Granulomatous	35 (97%)	14 (78%)	17 (94%)	16 (89%)	16 (89%)	17 (94%)
Dermis, Inflammation, Pyogranulomat						
Dermis, Tail, Inflammation, Granulomatous						
Dermis, Tail, Inflammation, Pyogranulomat						
Edema		1 (6%)				
Epidermis, Inflammation, Chronic Active						
Epidermis, Necrosis						

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 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
Epidermis, Tail, Inflammation, Chronic Active						
Epidermis, Tail, Necrosis						
Hemorrhage						
Hyperplasia, Squamous					1 (6%)	1 (6%)
Tail, Abscess	1 (3%)	1 (6%)				
Tail, Cyst Epithelial Inclusion	5 (14%)	1 (6%)	3 (17%)	1 (6%)	3 (17%)	5 (28%)
Skin, Site Of Application	(0)	(0)	(1)	(0)	(1)	(0)
Skin, Site of Application	(36)	(18)	(17)	(18)	(17)	(18)
Abscess	1 (3%)	1 (6%)				
Acanthosis	27 (75%)	13 (72%)	15 (88%)	12 (67%)	12 (71%)	3 (17%)
Cyst Epithelial Inclusion	2 (6%)	2 (11%)	3 (18%)	1 (6%)	2 (12%)	
Dermis, Fibrosis						
Dermis, Inflammation, Granulomatous	36 (100%)	17 (94%)	17 (100%)	17 (94%)	16 (94%)	18 (100%)
Dermis, Inflammation, Pyogranulomat					1 (6%)	
Edema		1 (6%)				
Epidermis, Inflammation, Chronic Active			1 (6%)	1 (6%)		
Epidermis, Necrosis						
Hyperplasia, Squamous	11 (31%)	10 (56%)	14 (82%)	12 (67%)	6 (35%)	7 (39%)
Sebaceous Gl, Hyperplasia						
Subcut Tiss, Inflammation, Pyogranulomat		1 (6%)				
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(0)	(0)	(0)	(0)	(0)	(0)
Hyperostosis						
Skeletal Muscle	(0)	(0)	(0)	(0)	(0)	(0)
Inflammation, Pyogranulomat						
Thrombosis						
<b>NERVOUS SYSTEM</b>						
None						

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

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

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXYGLYSAL

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:43:47  
**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
<b>RESPIRATORY SYSTEM</b>						
Lung	(36)	(18)	(18)	(18)	(18)	(18)
Alveolar Epith, Hyperplasia	1 (3%)	1 (6%)	2 (11%)			
Alveolus, Inflammation		1 (6%)	1 (6%)	5 (28%)		2 (11%)
Bronchiole, Inflammation				1 (6%)		1 (6%)
Hemorrhage		1 (6%)			1 (6%)	
Infiltration Cellular, Lymphocyte	2 (6%)	2 (11%)				
Leukocytosis						
<b>SPECIAL SENSES SYSTEM</b>						
Ear	(0)	(0)	(0)	(1)	(0)	(0)
Inflammation, Suppurative						
Pinna, Hyperplasia, Squamous				1 (100%)		
Eye	(2)	(1)	(1)	(0)	(0)	(0)
Antr Chamber, Inflammation						
Cataract						
Cornea, Inflammation	1 (50%)					
Harderian Gland	(0)	(1)	(0)	(0)	(0)	(0)
Lacrimal Gland	(0)	(0)	(0)	(0)	(0)	(0)
Infiltration Cellular, Lymphocyte						
<b>URINARY SYSTEM</b>						
Kidney	(0)	(0)	(1)	(4)	(0)	(1)
Abscess				2 (50%)		
Cyst						1 (100%)
Embolus Bacterial						
Infarct						
Infiltration Cellular, Lymphocyte				2 (50%)		
Inflammation, Suppurative			1 (100%)			
Urethra	(4)	(2)	(1)	(2)	(2)	(4)
Bulbourethr GI, Hemorrhage						1 (25%)

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

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

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:43:47  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

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<b>SKH-1/NCTR Mouse MALE</b>	<b>NO CREAM0.3 MED</b>	<b>CTLCREAM0.3 MED</b>	<b>4% AHA 0.3 MED</b>	<b>10% AHA 0.3 MED</b>	<b>2% BHA 0.3 MED</b>	<b>4% BHA 0.3 MED</b>
Urinary Bladder	(0)	(1)	(1)	(0)	(0)	(0)
Autolysis		1 (100%)				
Inflammation			1 (100%)			

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

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

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014  
 Time Report Requested: 12:43:47  
 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
<b>Disposition Summary</b>						
Animals Initially In Study	36	18	18	18	18	18
<b>Early Deaths</b>						
Moribund Sacrifice	3	3	3	6	5	4
Natural Death	4		4	1		2
Tumor>10mm	26	14	11	10	8	8
<b>Survivors</b>						
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
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(0)	(0)	(0)	(0)	(0)	(0)
Dilatation						
Gallbladder	(0)	(0)	(0)	(0)	(0)	(0)
Liver	(2)	(2)	(2)	(3)	(2)	(2)
Abscess			1 (50%)			
Angiectasis						
Basophilic Focus	1 (50%)					
Fatty Change						
Hematopoietic Cell Proliferation		2 (100%)		1 (33%)	1 (50%)	
Infarct	1 (50%)		1 (50%)		1 (50%)	1 (50%)
Inflammation, Chronic						
Inflammation, Diffuse						2 (100%)
Metaplasia, Osseous						
Necrosis, Focal						1 (50%)
Tension Lipidosis						
Mesentery	(1)	(0)	(0)	(0)	(0)	(0)

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



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

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:43:47  
**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
Fat, Necrosis						
Pancreas	(0)	(0)	(1)	(0)	(1)	(1)
Accessory Spleen			1 (100%)			
Inflammation, Chronic						1 (100%)
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(0)
<b>CARDIOVASCULAR SYSTEM</b>						
Heart	(1)	(0)	(0)	(0)	(0)	(0)
Infarct						
Septum Inter, Ventricl Rgt, Abscess	1 (100%)					
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
Tissue NOS	(1)	(0)	(0)	(1)	(0)	(0)
<b>GENITAL SYSTEM</b>						
Penis	(0)	(0)	(1)	(0)	(0)	(0)
Preputial Gland	(3)	(0)	(2)	(0)	(2)	(2)
Duct, Dilatation	3 (100%)		1 (50%)		1 (50%)	2 (100%)
Inflammation	1 (33%)		1 (50%)		1 (50%)	
Inflammation, Suppurative						
Parenchym Cell, Atrophy			1 (50%)			
Seminal Vesicle	(5)	(0)	(0)	(0)	(0)	(0)
Autolysis						
Decreased Secretory Fluid	1 (20%)					
Distended	2 (40%)					
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(36)	(18)	(17)	(18)	(18)	(17)
Myeloid Cell, Hyperplasia	22 (61%)	9 (50%)	11 (65%)	11 (61%)	12 (67%)	8 (47%)
Lymph Node	(28)	(18)	(13)	(13)	(15)	(13)

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

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

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:43:47  
**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
Axillary, Hematopoietic Cell Proliferation						
Axillary, Hyperplasia, Lymphoid	21 (75%)	15 (83%)	10 (77%)	12 (92%)	14 (93%)	12 (92%)
Axillary, Infiltration Cellular, Plasma Cell	7 (25%)	2 (11%)	6 (46%)	5 (38%)	3 (20%)	1 (8%)
Bronchial, Hyperplasia, Lymphoid	1 (4%)	1 (6%)				
Deep Cervical, Hyperplasia, Lymphoid						1 (8%)
Deep Cervical, Infiltration Cellular, Plasma Cell						
Hyperplasia, Lymphoid	1 (4%)			1 (8%)		
Inguinal, Hyperplasia, Lymphoid	15 (54%)	11 (61%)	8 (62%)	9 (69%)	8 (53%)	9 (69%)
Inguinal, Infiltration Cellular, Plasma Cell	7 (25%)		4 (31%)	2 (15%)	4 (27%)	
Inguinal, Infiltration Cellular, Polymorphnuclr						
Lumbar, Abscess						
Lumbar, Foreign Body						
Lumbar, Hematopoietic Cell Proliferation						1 (8%)
Lumbar, Hyperplasia, Lymphoid	7 (25%)	5 (28%)		3 (23%)		4 (31%)
Lumbar, Infiltration Cellular, Plasma Cell	3 (11%)	1 (6%)		1 (8%)		1 (8%)
Lumbar, Infiltration Cellular, Polymorphnuclr						
Lumbar, Inflammation						
Mediastinal, Hematopoietic Cell Proliferation						
Mediastinal, Hyperplasia, Lymphoid					2 (13%)	
Mediastinal, Infiltration Cellular, Plasma Cell						
Mediastinal, Infiltration Cellular, Polymorphnuclr						
Pancreatic, Hyperplasia, Lymphoid						
Popliteal, Hyperplasia, Lymphoid						
Popliteal, Infiltration Cellular, Plasma Cell						
Renal, Hyperplasia, Lymphoid	4 (14%)	1 (6%)	1 (8%)	2 (15%)		1 (8%)
Renal, Infiltration Cellular, Plasma Cell				1 (8%)		
Renal, Infiltration Cellular, Polymorphnuclr						

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

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

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXYGLYSAL

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:43:47  
**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
Thoracic, Abscess						
Thoracic, Hyperplasia, Lymphoid	2 (7%)			1 (8%)		
Thoracic, Infiltration Cellular, Plasma Cell				1 (8%)		
Lymph Node, Mandibular Hemorrhage	(11)	(7)	(8)	(6)	(9)	(7)
Hyperplasia, Lymphoid	11 (100%)	6 (86%)	6 (75%)	6 (100%)	5 (56%)	4 (57%)
Infiltration Cellular, Plasma Cell	6 (55%)	2 (29%)	4 (50%)	5 (83%)	7 (78%)	5 (71%)
Infiltration Cellular, Polymorphnuclr Sinus, Dilatation				1 (17%)		
Lymph Node, Mesenteric Hematopoietic Cell Proliferation	(1)	(0)	(1)	(0)	(0)	(1)
Hyperplasia, Lymphoid	1 (100%)		1 (100%)			1 (100%)
Infiltration Cellular, Polymorphnuclr						
Spleen	(36)	(18)	(17)	(18)	(18)	(17)
Hematopoietic Cell Proliferation	36 (100%)	18 (100%)	16 (94%)	18 (100%)	18 (100%)	16 (94%)
Hyperplasia, Lymphoid						1 (6%)
Thymus	(1)	(0)	(0)	(0)	(0)	(0)
<b>INTEGUMENTARY SYSTEM</b>						
Skin, Control	(36)	(18)	(18)	(18)	(18)	(18)
Abscess						1 (6%)
Acanthosis	1 (3%)					1 (6%)
Cyst Epithelial Inclusion			1 (6%)			1 (6%)
Dermis, Fibrosis					1 (6%)	
Dermis, Inflammation, Granulomatous	33 (92%)	18 (100%)	14 (78%)	16 (89%)	16 (89%)	17 (94%)
Dermis, Inflammation, Pyogranulomat				1 (6%)	1 (6%)	3 (17%)
Dermis, Tail, Inflammation, Granulomatous						
Dermis, Tail, Inflammation, Pyogranulomat	2 (6%)					
Edema						
Epidermis, Inflammation, Chronic Active	1 (3%)			1 (6%)	1 (6%)	2 (11%)
Epidermis, Necrosis			1 (6%)			

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

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

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXYGLYSAL

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:43:47  
**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
Epidermis, Tail, Inflammation, Chronic Active	2 (6%)		1 (6%)	2 (11%)		2 (11%)
Epidermis, Tail, Necrosis Hemorrhage	1 (3%)	1 (6%)				
Hyperplasia, Squamous Tail, Abscess	1 (3%)		1 (6%)		2 (11%)	1 (6%)
Tail, Cyst Epithelial Inclusion		1 (6%)				
Skin, Site Of Application	(0)	(0)	(0)	(0)	(0)	(0)
Skin, Site of Application	(36)	(18)	(18)	(18)	(18)	(18)
Abscess	2 (6%)			2 (11%)	1 (6%)	
Acanthosis	30 (83%)	15 (83%)	17 (94%)	16 (89%)	14 (78%)	14 (78%)
Cyst Epithelial Inclusion						1 (6%)
Dermis, Fibrosis	1 (3%)					
Dermis, Inflammation, Granulomatous	34 (94%)	18 (100%)	15 (83%)	15 (83%)	16 (89%)	17 (94%)
Dermis, Inflammation, Pyogranulomat Edema	1 (3%)		1 (6%)		2 (11%)	
Epidermis, Inflammation, Chronic Active	3 (8%)	1 (6%)		1 (6%)	2 (11%)	2 (11%)
Epidermis, Necrosis						
Hyperplasia, Squamous	17 (47%)	14 (78%)	11 (61%)	15 (83%)	14 (78%)	16 (89%)
Sebaceous Gl, Hyperplasia						
Subcut Tiss, Inflammation, Pyogranulomat						
<b>MUSCULOSKELETAL SYSTEM</b>						
Bone	(0)	(0)	(0)	(0)	(0)	(0)
Hyperostosis						
Skeletal Muscle	(1)	(0)	(0)	(0)	(1)	(0)
Inflammation, Pyogranulomat					1 (100%)	
Thrombosis	1 (100%)					
<b>NERVOUS SYSTEM</b>						
None						

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

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

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXYGLYSAL

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:43:47  
**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
<b>RESPIRATORY SYSTEM</b>						
Lung	(36)	(18)	(17)	(18)	(18)	(17)
Alveolar Epith, Hyperplasia			1 (6%)			1 (6%)
Alveolus, Inflammation	9 (25%)	3 (17%)	4 (24%)	2 (11%)	1 (6%)	3 (18%)
Bronchiole, Inflammation	1 (3%)					
Hemorrhage		1 (6%)	2 (12%)	1 (6%)		
Infiltration Cellular, Lymphocyte	1 (3%)	6 (33%)		1 (6%)	1 (6%)	
Leukocytosis			1 (6%)			
<b>SPECIAL SENSES SYSTEM</b>						
Ear	(0)	(0)	(0)	(1)	(0)	(0)
Inflammation, Suppurative				1 (100%)		
Pinna, Hyperplasia, Squamous						
Eye	(2)	(0)	(1)	(1)	(1)	(0)
Antr Chamber, Inflammation				1 (100%)		
Cataract	1 (50%)					
Cornea, Inflammation				1 (100%)	1 (100%)	
Harderian Gland	(0)	(0)	(0)	(0)	(0)	(0)
Lacrimal Gland	(0)	(0)	(0)	(0)	(0)	(0)
Infiltration Cellular, Lymphocyte						
<b>URINARY SYSTEM</b>						
Kidney	(1)	(1)	(1)	(2)	(1)	(3)
Abscess						
Cyst			1 (100%)			
Embolus Bacterial						1 (33%)
Infarct					1 (100%)	
Infiltration Cellular, Lymphocyte	1 (100%)	1 (100%)		2 (100%)		1 (33%)
Inflammation, Suppurative						3 (100%)
Urethra	(1)	(0)	(1)	(1)	(1)	(2)
Bulbourethr GI, Hemorrhage						

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

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

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

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

**CAS Number:** HYDROXYGLYCOL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:43:47

**First Dose M/F:** NA / NA

**Lab:** NCTR

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<b>SKH-1/NCTR Mouse MALE</b>	<b>NO CREAM0.6 MED</b>	<b>CTLCREAM0.6 MED</b>	<b>4% AHA 0.6 MED</b>	<b>10% AHA 0.6 MED</b>	<b>2% BHA 0.6 MED</b>	<b>4% BHA 0.6 MED</b>
Urinary Bladder Autolysis Inflammation	(0)	(0)	(0)	(0)	(0)	(0)

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

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

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:43:47  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
<b>Disposition Summary</b>	
<b>Animals Initially In Study</b>	<b>36</b>
<b>Early Deaths</b>	
<b>Moribund Sacrifice</b>	<b>18</b>
<b>Natural Death</b>	<b>6</b>
<b>Tumor&gt;10mm</b>	<b>12</b>
<b>Survivors</b>	
<b>Moribund Sacrifice</b>	
<b>Natural Death</b>	
<b>Terminal Sacrifice</b>	
<b>Tumor&gt;10mm</b>	
<b>Animals Examined Microscopically</b>	<b>35</b>
<b>ALIMENTARY SYSTEM</b>	
Esophagus	(0)
Dilatation	
Gallbladder	(0)
Liver	(3)
Abscess	
Angiectasis	
Basophilic Focus	
Fatty Change	
Hematopoietic Cell Proliferation	
Infarct	1 (33%)
Inflammation, Chronic	1 (33%)
Inflammation, Diffuse	
Metaplasia, Osseous	
Necrosis, Focal	
Tension Lipidosis	
Mesentery	(0)

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

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

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:43:47  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
Fat, Necrosis	
Pancreas	(0)
Accessory Spleen	
Inflammation, Chronic	
Salivary Glands	(0)
<b>CARDIOVASCULAR SYSTEM</b>	
Heart	(0)
Infarct	
Septum Inter, Ventricl Rgt, Abscess	
<b>ENDOCRINE SYSTEM</b>	
None	
<b>GENERAL BODY SYSTEM</b>	
Tissue NOS	(1)
<b>GENITAL SYSTEM</b>	
Penis	(0)
Preputial Gland	(3)
Duct, Dilatation	2 (67%)
Inflammation	2 (67%)
Inflammation, Suppurative	
Parenchym Cell, Atrophy	
Seminal Vesicle	(0)
Autolysis	
Decreased Secretory Fluid	
Distended	
<b>HEMATOPOIETIC SYSTEM</b>	
Bone Marrow	(33)
Myeloid Cell, Hyperplasia	26 (79%)
Lymph Node	(20)

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



**Experiment Number:** 97010-01

**Test Type:** 1-YEAR

**Species/Strain:** Mouse/SKH-1/NCTR

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

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

**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:43:47

**First Dose M/F:** NA / NA

**Lab:** NCTR

<b>SKH-1/NCTR Mouse MALE</b>	<b>NO CREAM0.9 MED</b>
Axillary, Hematopoietic Cell Proliferation	
Axillary, Hyperplasia, Lymphoid	13 (65%)
Axillary, Infiltration Cellular, Plasma Cell	3 (15%)
Bronchial, Hyperplasia, Lymphoid	
Deep Cervical, Hyperplasia, Lymphoid	2 (10%)
Deep Cervical, Infiltration Cellular, Plasma Cell	1 (5%)
Hyperplasia, Lymphoid	1 (5%)
Inguinal, Hyperplasia, Lymphoid	15 (75%)
Inguinal, Infiltration Cellular, Plasma Cell	4 (20%)
Inguinal, Infiltration Cellular, Polymorphnuclr	
Lumbar, Abscess	
Lumbar, Foreign Body	
Lumbar, Hematopoietic Cell Proliferation	
Lumbar, Hyperplasia, Lymphoid	8 (40%)
Lumbar, Infiltration Cellular, Plasma Cell	3 (15%)
Lumbar, Infiltration Cellular, Polymorphnuclr	
Lumbar, Inflammation	
Mediastinal, Hematopoietic Cell Proliferation	
Mediastinal, Hyperplasia, Lymphoid	2 (10%)
Mediastinal, Infiltration Cellular, Plasma Cell	1 (5%)
Mediastinal, Infiltration Cellular, Polymorphnuclr	
Pancreatic, Hyperplasia, Lymphoid	3 (15%)
Popliteal, Hyperplasia, Lymphoid	
Popliteal, Infiltration Cellular, Plasma Cell	
Renal, Hyperplasia, Lymphoid	5 (25%)
Renal, Infiltration Cellular, Plasma Cell	1 (5%)
Renal, Infiltration Cellular, Polymorphnuclr	

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

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

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:43:47  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
Thoracic, Abscess	
Thoracic, Hyperplasia, Lymphoid	
Thoracic, Infiltration Cellular, Plasma Cell	
Lymph Node, Mandibular	(8)
Hemorrhage	
Hyperplasia, Lymphoid	5 (63%)
Infiltration Cellular, Plasma Cell	6 (75%)
Infiltration Cellular, Polymorphnuclr	
Sinus, Dilatation	
Lymph Node, Mesenteric	(2)
Hematopoietic Cell Proliferation	
Hyperplasia, Lymphoid	1 (50%)
Infiltration Cellular, Polymorphnuclr	
Spleen	(33)
Hematopoietic Cell Proliferation	32 (97%)
Hyperplasia, Lymphoid	
Thymus	(1)
<b>INTEGUMENTARY SYSTEM</b>	
Skin, Control	(35)
Abscess	
Acanthosis	1 (3%)
Cyst Epithelial Inclusion	
Dermis, Fibrosis	
Dermis, Inflammation, Granulomatous	26 (74%)
Dermis, Inflammation, Pyogranulomat	1 (3%)
Dermis, Tail, Inflammation, Granulomatous	
Dermis, Tail, Inflammation, Pyogranulomat	
Edema	
Epidermis, Inflammation, Chronic Active	1 (3%)
Epidermis, Necrosis	

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

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

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXYGLYSAL

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:43:47  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
Epidermis, Tail, Inflammation, Chronic Active	
Epidermis, Tail, Necrosis	
Hemorrhage	
Hyperplasia, Squamous	1 (3%)
Tail, Abscess	
Tail, Cyst Epithelial Inclusion	
Skin, Site Of Application	(1)
Skin, Site of Application	(34)
Abscess	2 (6%)
Acanthosis	28 (82%)
Cyst Epithelial Inclusion	
Dermis, Fibrosis	
Dermis, Inflammation, Granulomatous	29 (85%)
Dermis, Inflammation, Pyogranulomat	
Edema	
Epidermis, Inflammation, Chronic Active	4 (12%)
Epidermis, Necrosis	
Hyperplasia, Squamous	19 (56%)
Sebaceous Gl, Hyperplasia	
Subcut Tiss, Inflammation, Pyogranulomat	
<b>MUSCULOSKELETAL SYSTEM</b>	
Bone	(1)
Hyperostosis	1 (100%)
Skeletal Muscle	(0)
Inflammation, Pyogranulomat	
Thrombosis	
<b>NERVOUS SYSTEM</b>	
None	

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

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

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXYGLYSAL

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 12:43:47  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

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SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
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RESPIRATORY SYSTEM	
Lung	(33)
Alveolar Epith, Hyperplasia	
Alveolus, Inflammation	6 (18%)
Bronchiole, Inflammation	
Hemorrhage	1 (3%)
Infiltration Cellular, Lymphocyte	1 (3%)
Leukocytosis	1 (3%)
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SPECIAL SENSES SYSTEM	
Ear	(0)
Inflammation, Suppurative	
Pinna, Hyperplasia, Squamous	
Eye	(3)
Antr Chamber, Inflammation	
Cataract	1 (33%)
Cornea, Inflammation	1 (33%)
Harderian Gland	(0)
Lacrimal Gland	(3)
Infiltration Cellular, Lymphocyte	3 (100%)
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URINARY SYSTEM	
Kidney	(2)
Abscess	
Cyst	
Embolus Bacterial	
Infarct	
Infiltration Cellular, Lymphocyte	2 (100%)
Inflammation, Suppurative	
Urethra	(1)
Bulboureth GI, Hemorrhage	

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

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

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

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

**CAS Number:** HYDROXYGLYCOL

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 12:43:47

**First Dose M/F:** NA / NA

**Lab:** NCTR

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<b>SKH-1/NCTR Mouse MALE</b>	<b>NO CREAM0.9 MED</b>
Urinary Bladder	(0)
Autolysis	
Inflammation	

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**\*\* END OF REPORT \*\***