

Version: Jun2013
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
Male							
Southern Research Institute	059500306	04/26/04	729	50(1)	34(694)	54.6	Methyl trans-styryl ketone
Battelle Columbus Laboratory	059903204	09/21/04	729	50(1)	37(698)	56.4	Pyrogallol
Female							
Southern Research Institute	059500306	04/26/04	731	50(1)	37(709)	64.6	Methyl trans-styryl ketone
Battelle Columbus Laboratory	059903204	09/20/04	729	50(1)	33(675)	69.3	Pyrogallol

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		Male			Female		
#All Organs:							
Benign Tumors							
		37/50 (74%)	42/50 (84%)		33/50 (66%)	34/50 (68%)	
Overall Incidence	Total	79/100 (79%)	Mean 79%	SD 7.07%	Total	67/100 (67%)	Mean 67% SD 1.41%
.....							
#All Organs:							
Malignant Tumors							
		37/50 (74%)	33/50 (66%)		42/50 (84%)	34/50 (68%)	
Overall Incidence	Total	70/100 (70%)	Mean 70%	SD 5.66%	Total	76/100 (76%)	Mean 76% SD 11.31%
.....							
#All Organs:							
Malignant and Benign Tumors							
		49/50 (98%)	47/50 (94%)		48/50 (96%)	42/50 (84%)	
Overall Incidence	Total	96/100 (96%)	Mean 96%	SD 2.83%	Total	90/100 (90%)	Mean 90% SD 8.49%
.....							
#All Organs:							
Hemangioma							
		1/50 (2%)	1/50 (2%)		0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	2/100 (2%)	Mean 2%	SD 0%	Total	1/100 (1%)	Mean 1% SD 1.41%
.....							
#All Organs:							
Hemangiosarcoma							
		6/50 (12%)	5/50 (10%)		5/50 (10%)	6/50 (12%)	
Overall Incidence	Total	11/100 (11%)	Mean 11%	SD 1.41%	Total	11/100 (11%)	Mean 11% SD 1.41%
.....							
#All Organs:							
Hemangiosarcoma or Hemangioma							
		7/50 (14%)	6/50 (12%)		5/50 (10%)	7/50 (14%)	
Overall Incidence	Total	13/100 (13%)	Mean 13%	SD 1.41%	Total	12/100 (12%)	Mean 12% SD 2.83%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

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		Male				Female			
#All Organs:									
Histiocytic Sarcoma									
		0/50 (0%)	1/50 (2%)		1/50 (2%)	0/50 (0%)			
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
#All Organs:									
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type									
		4/50 (8%)	2/50 (4%)		20/50 (40%)	13/50 (26%)			
Overall Incidence	Total	6/100 (6%)	Mean 6%	SD 2.83%	Total	33/100 (33%)	Mean 33%	SD 9.9%	
.....									
#All Organs:									
Mesothelioma: Benign									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#All Organs:									
Mesothelioma: Benign, Malignant, NOS									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#All Organs:									
Mesothelioma: Malignant									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#All Organs:									
Osteoma									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	

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		Male				Female			
#All Organs:									
Osteosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#All Organs:									
Osteosarcoma or Osteoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Adrenal Cortex:									
Adenoma									
		6/50	(12%)	9/50	(18%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	15/100	(15%)	Mean 15%	SD 4.24%	1/100	(1%)	Mean 1%	SD 1.41%
.....									
*Adrenal Cortex:									
Plasma Cell Tumor Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Adrenal Medulla:									
Pheochromocytoma Benign									
		0/49	(0%)	0/50	(0%)	0/50	(0%)	2/50	(4%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	2/100	(2%)	Mean 2%	SD 2.83%
.....									
*Adrenal Medulla:									
Pheochromocytoma Malignant									
		0/49	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	1/100	(1%)	Mean 1%	SD 1.41%

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	Male				Female			
*Adrenal Medulla:								
Pheochromocytoma: Benign, Complex, Malignant, NOS								
		0/49 (0%)	0/50 (0%)		1/50 (2%)	2/50 (4%)		
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%	Total	3/100 (3%)	Mean 3%	SD 1.41%
.....								
#Blood Vessel:								
Hemangioma								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
*Bone Marrow:								
Hemangioma								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
*Bone Marrow:								
Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)		1/50 (2%)	3/50 (6%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	4/100 (4%)	Mean 4%	SD 2.83%
.....								
*Bone Marrow:								
Mast Cell Tumor Malignant								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
*Bone Marrow:								
Plasma Cell Tumor Malignant								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%

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		Male				Female				
*Bone Marrow:										
Sarcoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			
.....										
#Bone:										
Fibroma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			
.....										
#Bone:										
Hemangiosarcoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	3/50 (6%)	Mean 3%	SD 4.24%
		0/100 (0%)					3/100 (3%)			
.....										
#Bone:										
Osteoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			
.....										
#Bone:										
Osteosarcoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			
.....										
#Bone:										
Osteosarcoma or Osteoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			

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		Male				Female			
#Bone:									
Sarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Brain:									
Granular Cell Tumor Benign									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Brain:									
Meningioma Benign									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Brain:									
Meningioma Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Brain:									
Meningioma: Benign, Malignant, NOS									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Brain:									
Oligodendroglioma Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

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	Male				Female			
*Brain:								
Oligodendroglioma, Glioma, or Astrocytoma								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
*Brain:								
Schwannoma Malignant								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
*Clitoral/Preputial Gland:								
Hemangioma								
		0/50 (0%)	1/50 (2%)		0/48 (0%)	0/49 (0%)		
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/97 (0%)	Mean 0%	SD 0%
.....								
*Clitoral/Preputial Gland:								
Hemangiosarcoma								
		0/50 (0%)	1/50 (2%)		0/48 (0%)	0/49 (0%)		
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/97 (0%)	Mean 0%	SD 0%
.....								
#Coagulating Gland:								
Granular Cell Tumor								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Coagulating Gland:								
Sarcoma								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								

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		Male				Female			
#Esophagus:									
Squamous Cell Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Eye:									
Melanoma Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Harderian Gland:									
Adenoma									
		2/50	(4%)	6/50	(12%)	4/50	(8%)	1/50	(2%)
Overall Incidence	Total	8/100	(8%)	Mean 8%	SD 5.66%	Total	5/100	(5%)	Mean 5%
									SD 4.24%
.....									
#Harderian Gland:									
Carcinoma									
		1/50	(2%)	2/50	(4%)	0/50	(0%)	2/50	(4%)
Overall Incidence	Total	3/100	(3%)	Mean 3%	SD 1.41%	Total	2/100	(2%)	Mean 2%
									SD 2.83%
.....									
#Harderian Gland:									
Carcinoma or Adenoma									
		3/50	(6%)	8/50	(16%)	4/50	(8%)	3/50	(6%)
Overall Incidence	Total	11/100	(11%)	Mean 11%	SD 7.07%	Total	7/100	(7%)	Mean 7%
									SD 1.41%
.....									
*Heart:									
Hemangiosarcoma									
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%
									SD 0%

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		Male				Female					
#Intestine Large: Cecum:											
Adenoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Intestine Large: Cecum:											
Carcinoma											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Intestine Large: Cecum:											
Carcinoma or Adenoma											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Intestine Large: Cecum:											
Leiomyoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Intestine Large: Cecum:											
Leiomyosarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Intestine Large: Colon/Rectum:											
Leiomyosarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	

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		Male				Female			
#Intestine Small: Duodenum:									
Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Duodenum:									
Carcinoma									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	1/100	(1%)	Mean 1%	SD 1.41%
.....									
#Intestine Small: Duodenum:									
Leiomyosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Duodenum:									
Polyp Adenomatous									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Ileum:									
Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Ileum:									
Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

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		Male				Female			
#Intestine Small: Ileum: Polyp Adenomatous									
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	
#Intestine Small: Jejunum: Adenoma									
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	
#Intestine Small: Jejunum: Carcinoma									
Overall Incidence	Total	1/50 (2%) 2/100 (2%)	1/50 (2%) Mean 2%	SD 0%	Total	0/50 (0%) 1/100 (1%)	1/50 (2%) Mean 1%	SD 1.41%	
#Intestine Small: Jejunum: Hemangiosarcoma									
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	
#Intestine Small: Jejunum: Leiomyosarcoma									
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	
#Intestine Small: Site Unspecified: Adenoma									
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	

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Route: SKIN
Vehicle: ETHANOL

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 Report Date: 06/05/2013

		Male				Female			
#Intestine Small: Site Unspecified: Carcinoma									
		1/50	(2%)	1/50	(2%)	1/50	(2%)	1/50	(2%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 0%	Total	2/100	(2%)	Mean 2% SD 0%
.....									
#Intestine Small: Site Unspecified: Carcinoma or Adenoma									
		2/50	(4%)	1/50	(2%)	1/50	(2%)	1/50	(2%)
Overall Incidence	Total	3/100	(3%)	Mean 3%	SD 1.41%	Total	2/100	(2%)	Mean 2% SD 0%
.....									
#Intestine Small: Site Unspecified: Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1% SD 1.41%
.....									
#Intestine Small: Site Unspecified: Leiomyosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Intestine Small: Site Unspecified: Polyp Adenomatous									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
*Islets, Pancreatic: Adenoma									
		2/50	(4%)	1/50	(2%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	3/100	(3%)	Mean 3%	SD 1.41%	Total	1/100	(1%)	Mean 1% SD 1.41%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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 Report Date: 06/05/2013

		Male				Female					
*Islets, Pancreatic:											
 Carcinoma											
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Islets, Pancreatic:											
 Carcinoma or Adenoma											
		2/50	(4%)	2/50	(4%)			0/50	(0%)	1/50	(2%)
Overall Incidence	Total	4/100	(4%)	Mean 4%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
*Kidney: Pelvis and Transitional Epithelium:											
 Carcinoma											
		0/48	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%	SD 0%	
.....											
*Kidney: Pelvis and Transitional Epithelium:											
 Carcinoma or Adenoma											
		0/48	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%	SD 0%	
.....											
*Kidney: Renal Tubule:											
 Adenoma											
		1/48	(2%)	0/50	(0%)			0/49	(0%)	0/50	(0%)
Overall Incidence	Total	1/98	(1.02%)	Mean 1.04%	SD 1.47%	Total	0/99	(0%)	Mean 0%	SD 0%	
.....											
*Kidney: Renal Tubule:											
 Carcinoma											
		0/48	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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		Male				Female			
*Kidney: Renal Tubule: Carcinoma or Adenoma									
		1/48 (2%)	0/50 (0%)			0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	1/98 (1.02%)	Mean 1.04%	SD 1.47%	Total	0/99 (0%)	Mean 0%	SD 0%	
.....									
*Kidney: Renal Tubule: Hemangioma									
		0/48 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	0/98 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%	
.....									
*Kidney: Renal Tubule: Hemangiosarcoma									
		0/48 (0%)	0/50 (0%)			0/49 (0%)	1/50 (2%)		
Overall Incidence	Total	0/98 (0%)	Mean 0%	SD 0%	Total	1/99 (1.01%)	Mean 1%	SD 1.41%	
.....									
*Kidney: Renal Tubule: Plasma Cell Tumor Malignant									
		0/48 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	0/98 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%	
.....									
*Kidney: Renal Tubule: Sarcoma									
		0/48 (0%)	0/50 (0%)			1/49 (2%)	0/50 (0%)		
Overall Incidence	Total	0/98 (0%)	Mean 0%	SD 0%	Total	1/99 (1.01%)	Mean 1.02%	SD 1.44%	
.....									
*Liver: Hemangioma									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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		Male				Female			
*Liver:									
Hemangiosarcoma									
		4/50 (8%)	3/50 (6%)		1/50 (2%)	1/50 (2%)			
Overall Incidence	Total	7/100 (7%)	Mean 7%	SD 1.41%	Total	2/100 (2%)	Mean 2%	SD 0%	
.....									
*Liver:									
Hepatoblastoma									
		1/50 (2%)	4/50 (8%)		0/50 (0%)	1/50 (2%)			
Overall Incidence	Total	5/100 (5%)	Mean 5%	SD 4.24%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
*Liver:									
Hepatocellular Adenoma									
		31/50 (62%)	39/50 (78%)		30/50 (60%)	30/50 (60%)			
Overall Incidence	Total	70/100 (70%)	Mean 70%	SD 11.31%	Total	60/100 (60%)	Mean 60%	SD 0%	
.....									
*Liver:									
Hepatocellular Carcinoma									
		28/50 (56%)	20/50 (40%)		23/50 (46%)	17/50 (34%)			
Overall Incidence	Total	48/100 (48%)	Mean 48%	SD 11.31%	Total	40/100 (40%)	Mean 40%	SD 8.49%	
.....									
*Liver:									
Hepatocellular Carcinoma or Hepatoblastoma									
		29/50 (58%)	21/50 (42%)		23/50 (46%)	18/50 (36%)			
Overall Incidence	Total	50/100 (50%)	Mean 50%	SD 11.31%	Total	41/100 (41%)	Mean 41%	SD 7.07%	
.....									
*Liver:									
Hepatocellular Carcinoma or Hepatocellular Adenoma									
		45/50 (90%)	43/50 (86%)		38/50 (76%)	35/50 (70%)			
Overall Incidence	Total	88/100 (88%)	Mean 88%	SD 2.83%	Total	73/100 (73%)	Mean 73%	SD 4.24%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: SKIN
 Vehicle: ETHANOL

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		Male				Female			
*Liver:									
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma									
		45/50 (90%)	43/50 (86%)			38/50 (76%)	35/50 (70%)		
Overall Incidence	Total	88/100 (88%)	Mean 88%	SD 2.83%	Total	73/100 (73%)	Mean 73%	SD 4.24%	
.....									
*Liver:									
Hepatocholangiocarcinoma									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Liver:									
Hepatocholangioma									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Liver:									
Ito Cell Tumor Benign									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Liver:									
Mast Cell Tumor Malignant									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Liver:									
Plasma Cell Tumor Malignant									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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		Male				Female			
*Liver:									
Sarcoma									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Lung:									
Alveolar/Bronchiolar Adenoma									
		8/50 (16%)	12/50 (24%)		1/50 (2%)	2/50 (4%)			
Overall Incidence	Total	20/100 (20%)	Mean 20%	SD 5.66%	Total	3/100 (3%)	Mean 3%	SD 1.41%	
.....									
*Lung:									
Alveolar/Bronchiolar Carcinoma									
		7/50 (14%)	4/50 (8%)		3/50 (6%)	2/50 (4%)			
Overall Incidence	Total	11/100 (11%)	Mean 11%	SD 4.24%	Total	5/100 (5%)	Mean 5%	SD 1.41%	
.....									
*Lung:									
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma									
		14/50 (28%)	15/50 (30%)		4/50 (8%)	4/50 (8%)			
Overall Incidence	Total	29/100 (29%)	Mean 29%	SD 1.41%	Total	8/100 (8%)	Mean 8%	SD 0%	
.....									
*Lung:									
Hemangiosarcoma									
		0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
*Lung:									
Plasma Cell Tumor Malignant									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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		Male				Female			
#Lymph Node:									
Plasma Cell Tumor Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Lymph Node, Bronchial:									
Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Lymph Node, Mandibular:									
Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Lymph Node, Mandibular:									
Mast Cell Tumor Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Lymph Node, Mandibular:									
Plasma Cell Tumor Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Lymph Node, Mediastinal:									
Mast Cell Tumor Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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 Report Date: 06/05/2013

		Male				Female			
#Lymph Node, Mesenteric: Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Lymph Node, Mesenteric: Plasma Cell Tumor Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Mammary Gland: Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Mammary Gland: Carcinoma									
		0/50	(0%)	0/50	(0%)	2/50	(4%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	2/100	(2%)	Mean 2%	SD 2.83%
.....									
#Mammary Gland: Carcinoma or Adenoma									
		0/50	(0%)	0/50	(0%)	2/50	(4%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	2/100	(2%)	Mean 2%	SD 2.83%
.....									
#Mammary Gland: Fibroadenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: SKIN
 Vehicle: ETHANOL

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		Male				Female			
#Mammary Gland:									
Fibroma, Fibroadenoma or Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Mammary Gland:									
Fibroma, Fibroadenoma, Carcinoma, or Adenoma									
		0/50	(0%)	0/50	(0%)	2/50	(4%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	2/100	(2%)	Mean 2%
									SD 2.83%
.....									
#Mesentery:									
Hemangioma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Mesentery:									
Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Mesentery:									
Lipoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Mesentery:									
Sarcoma									
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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		Male				Female			
*Nose:									
Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Nose:									
Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):									
Papilloma Squamous or Papilloma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):									
Squamous Cell Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):									
Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Oral Mucosa:									
Squamous Cell Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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	Male	Female
*Ovary:		
Choriocarcinoma		
	0/49 (0%)	0/50 (0%)
Overall Incidence	Total 0/99 (0%)	Mean 0% SD 0%
*Ovary:		
Cystadenocarcinoma		
	0/49 (0%)	0/50 (0%)
Overall Incidence	Total 0/99 (0%)	Mean 0% SD 0%
*Ovary:		
Cystadenoma		
	1/49 (2%)	2/50 (4%)
Overall Incidence	Total 3/99 (3.03%)	Mean 3.02% SD 1.39%
*Ovary:		
Granulosa Cell Tumor Benign		
	0/49 (0%)	1/50 (2%)
Overall Incidence	Total 1/99 (1.01%)	Mean 1% SD 1.41%
*Ovary:		
Granulosa Cell Tumor: Benign, Malignant, NOS		
	0/49 (0%)	1/50 (2%)
Overall Incidence	Total 1/99 (1.01%)	Mean 1% SD 1.41%
*Ovary:		
Hemangioma		
	0/49 (0%)	1/50 (2%)
Overall Incidence	Total 1/99 (1.01%)	Mean 1% SD 1.41%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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	Male		Female	
*Ovary:				
Hemangiosarcoma				
		0/49 (0%)	1/50 (2%)	
Overall Incidence	Total	1/99 (1.01%)	Mean 1%	SD 1.41%
.....				
*Ovary:				
Luteoma				
		0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Plasma Cell Tumor Malignant				
		0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Sarcoma				
		0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Teratoma Benign				
		0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Teratoma Malignant				
		0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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Male					Female										
*Ovary:															
Tubulostromal Adenoma															
					0/49	(0%)	0/50	(0%)							
Overall Incidence					Total	0/99	(0%)	Mean	0%	SD	0%				
.....															
*Ovary:															
Yolk Sac Carcinoma															
					0/49	(0%)	0/50	(0%)							
Overall Incidence					Total	0/99	(0%)	Mean	0%	SD	0%				
.....															
*Pancreas:															
Carcinoma															
		0/49	(0%)	0/50	(0%)			0/50	(0%)						
Overall Incidence		Total	0/99	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%
.....															
*Pancreas:															
Carcinoma or Adenoma															
		0/49	(0%)	0/50	(0%)			0/50	(0%)						
Overall Incidence		Total	0/99	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%
.....															
*Pituitary Gland: Pars Distalis or Unspecified Site:															
Adenoma															
		0/49	(0%)	0/50	(0%)			5/47	(11%)	4/50	(8%)				
Overall Incidence		Total	0/99	(0%)	Mean	0%	SD	0%	Total	9/97	(9.28%)	Mean	9.32%	SD	1.87%
.....															
*Pituitary Gland: Pars Distalis or Unspecified Site:															
Carcinoma															
		0/49	(0%)	0/50	(0%)			0/47	(0%)	0/50	(0%)				
Overall Incidence		Total	0/99	(0%)	Mean	0%	SD	0%	Total	0/97	(0%)	Mean	0%	SD	0%
.....															

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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		Male				Female			
*Pituitary Gland: Pars Distalis or Unspecified Site:									
Carcinoma or Adenoma									
		0/49	(0%)	0/50	(0%)	5/47	(11%)	4/50	(8%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	Total 9/97	(9.28%)	Mean 9.32%	SD 1.87%
.....									
*Pituitary Gland: Pars Intermedia:									
Adenoma									
		0/49	(0%)	0/50	(0%)	0/47	(0%)	0/50	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	Total 0/97	(0%)	Mean 0%	SD 0%
.....									
*Pituitary Gland: Pars Intermedia:									
Carcinoma or Adenoma									
		0/49	(0%)	0/50	(0%)	0/47	(0%)	0/50	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	Total 0/97	(0%)	Mean 0%	SD 0%
.....									
*Salivary Glands:									
Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total 0/100	(0%)	Mean 0%	SD 0%
.....									
*Salivary Glands:									
Carcinoma or Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total 0/100	(0%)	Mean 0%	SD 0%
.....									
*Salivary Glands:									
Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total 0/100	(0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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		Male				Female			
*Salivary Glands:									
Mast Cell Tumor Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Salivary Glands:									
Myxoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Seminal Vesicle:									
Adenoma									
		0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
#Skeletal Muscle:									
Hemangiosarcoma									
		1/50	(2%)	0/50	(0%)	1/50	(2%)	1/50	(2%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	2/100	(2%)	Mean 2%	SD 0%
.....									
#Skeletal Muscle:									
Rhabdomyosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Skeletal Muscle:									
Rhabdomyosarcoma or Rhabdomyoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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		Male				Female			
#Skeletal Muscle:									
Sarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Skin:									
Basal Cell Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Skin:									
Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Skin:									
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Skin:									
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Skin:									
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma									
		1/50	(2%)	1/50	(2%)	1/50	(2%)	1/50	(2%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 0%	2/100	(2%)	Mean 2%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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		Male				Female					
#Skin:											
Fibrosarcoma											
		1/50	(2%)	0/50	(0%)			1/50	(2%)	1/50	(2%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	2/100	(2%)	Mean 2%	SD 0%	
.....											
#Skin:											
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma											
		1/50	(2%)	1/50	(2%)			1/50	(2%)	1/50	(2%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 0%	Total	2/100	(2%)	Mean 2%	SD 0%	
.....											
#Skin:											
Fibrous Histiocytoma											
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Granular Cell Tumor Benign											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Hemangioma											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Hemangiosarcoma											
		1/50	(2%)	1/50	(2%)			2/50	(4%)	1/50	(2%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 0%	Total	3/100	(3%)	Mean 3%	SD 1.41%	

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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		Male				Female			
#Skin:									
Keratoacanthoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Skin:									
Lipoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Skin:									
Liposarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Skin:									
Mast Cell Tumor Benign									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1% SD 1.41%
.....									
#Skin:									
Mast Cell Tumor Malignant									
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Skin:									
Melanoma Benign									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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		Male				Female			
#Skin:									
Melanoma Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Skin:									
Neural Crest Tumor									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Skin:									
Neurofibroma or Schwannoma benign									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	1/100	(1%)	Mean 1%	SD 1.41%
.....									
#Skin:									
Neurofibrosarcoma or Schwannoma (malignant or NOS)									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	1/100	(1%)	Mean 1%	SD 1.41%
.....									
#Skin:									
Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	1/50	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	2/100	(2%)	Mean 2%	SD 0%
.....									
#Skin:									
Osteosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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		Male				Female					
#Skin:											
Sarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Schwannoma Benign											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Skin:											
Schwannoma Malignant											
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Skin:											
Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Squamous Cell Papilloma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Squamous Cell Papilloma or Papilloma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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	Male				Female			
#Skin:								
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin: Sebaceous Gland:								
Adenoma								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin: Sebaceous Gland:								
Carcinoma or Adenoma								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Spinal Cord:								
Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
*Spleen:								
Hemangioma								
		0/48 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	0/98 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: SKIN
 Vehicle: ETHANOL

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		Male				Female					
*Spleen:											
Hemangiosarcoma											
		3/48	(6%)	1/50	(2%)			2/49	(4%)	1/50	(2%)
Overall Incidence	Total	4/98	(4.08%)	Mean 4.12%	SD 3.01%	Total	3/99	(3.03%)	Mean 3.04%	SD 1.47%	
.....											
*Spleen:											
Mast Cell Tumor Malignant											
		0/48	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%	SD 0%	
.....											
*Spleen:											
Plasma Cell Tumor Malignant											
		0/48	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%	SD 0%	
.....											
#Stomach, Forestomach:											
Squamous Cell Carcinoma											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Stomach, Forestomach:											
Squamous Cell Carcinoma or Papilloma Squamous											
		4/50	(8%)	1/50	(2%)			1/50	(2%)	1/50	(2%)
Overall Incidence	Total	5/100	(5%)	Mean 5%	SD 4.24%	Total	2/100	(2%)	Mean 2%	SD 0%	
.....											
#Stomach, Forestomach:											
Squamous Cell Papilloma											
		3/50	(6%)	1/50	(2%)			1/50	(2%)	1/50	(2%)
Overall Incidence	Total	4/100	(4%)	Mean 4%	SD 2.83%	Total	2/100	(2%)	Mean 2%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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 Report Date: 06/05/2013

		Male				Female			
#Stomach, Glandular:									
Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Stomach, Glandular:									
Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Stomach, Glandular:									
Carcinoma or Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Testes:									
Adenoma									
		0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
*Testes:									
Hemangioma									
		0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
*Thymus:									
Neoplasm NOS									
		0/44	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/92	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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		Male				Female			
*Thymus:									
Thymoma Benign									
		0/44	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/92	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Thymus:									
Thymoma Malignant									
		0/44	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/92	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Thymus:									
Thymoma: Benign, Malignant, NOS									
		0/44	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/92	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Thyroid Gland: C-Cell:									
Carcinoma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/99	(0%)	Mean 0%	SD 0%
.....									
*Thyroid Gland: C-Cell:									
Carcinoma or Adenoma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/99	(0%)	Mean 0%	SD 0%
.....									
*Thyroid Gland: Follicular Cell:									
Adenoma									
		1/50	(2%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	0/99	(0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: SKIN
 Vehicle: ETHANOL

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		Male				Female			
*Thyroid Gland: Follicular Cell: Carcinoma									
		0/50 (0%)	0/50 (0%)			1/49 (2%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/99 (1.01%)	Mean 1.02%	SD 1.44%	
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma									
		1/50 (2%)	0/50 (0%)			1/49 (2%)	0/50 (0%)		
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	1/99 (1.01%)	Mean 1.02%	SD 1.44%	
#Tissue NOS: Fibrosarcoma									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
#Tissue NOS: Hemangiosarcoma									
		0/50 (0%)	0/50 (0%)			1/50 (2%)	1/50 (2%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 0%	
#Tissue NOS: Plasma Cell Tumor Malignant									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
#Tissue NOS: Sarcoma									
		0/50 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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 Report Date: 06/05/2013

		Male				Female			
#Tongue:									
Fibroma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Tongue:									
Squamous Cell Carcinoma or Papilloma Squamous									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Tongue:									
Squamous Cell Papilloma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Tooth:									
Odontoma									
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Urethra:									
Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Urinary Bladder:									
Hemangiosarcoma									
		0/49	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	0/99	(0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: SKIN
 Vehicle: ETHANOL

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 Report Date: 06/05/2013

	Male				Female			
*Urinary Bladder:								
Plasma Cell Tumor Malignant								
		0/49 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)		
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%
.....								
#Uterus:								
Adenoma								
					0/50 (0%)	0/50 (0%)		
Overall Incidence	Total				0/100 (0%)	Mean 0%		SD 0%
.....								
#Uterus:								
Carcinoma								
					1/50 (2%)	1/50 (2%)		
Overall Incidence	Total				2/100 (2%)	Mean 2%		SD 0%
.....								
#Uterus:								
Hemangiosarcoma								
					1/50 (2%)	0/50 (0%)		
Overall Incidence	Total				1/100 (1%)	Mean 1%		SD 1.41%
.....								
#Uterus:								
Leiomyoma								
					0/50 (0%)	0/50 (0%)		
Overall Incidence	Total				0/100 (0%)	Mean 0%		SD 0%
.....								
#Uterus:								
Leiomyosarcoma								
					0/50 (0%)	0/50 (0%)		
Overall Incidence	Total				0/100 (0%)	Mean 0%		SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: SKIN
 Vehicle: ETHANOL

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		Male			Female		
#Uterus:							
Polyp Stromal							
			1/50 (2%)		3/50 (6%)		
Overall Incidence		Total	4/100 (4%)		Mean 4%		SD 2.83%
.....							
#Uterus:							
Sarcoma							
			0/50 (0%)		0/50 (0%)		
Overall Incidence		Total	0/100 (0%)		Mean 0%		SD 0%
.....							
#Uterus:							
Sarcoma Stromal							
			0/50 (0%)		0/50 (0%)		
Overall Incidence		Total	0/100 (0%)		Mean 0%		SD 0%
.....							
#Uterus:							
Sarcoma Stromal or Polyp Stromal							
			1/50 (2%)		3/50 (6%)		
Overall Incidence		Total	4/100 (4%)		Mean 4%		SD 2.83%
.....							
#Vagina:							
Liposarcoma							
			1/50 (2%)		0/50 (0%)		
Overall Incidence		Total	1/100 (1%)		Mean 1%		SD 1.41%
.....							
#Zymbal's Gland:							
Carcinoma							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ETHANOL

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Report Date: 06/05/2013

Male					Female									
#Zymbal's Gland:														
Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)					
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied