



National Toxicology Program
Department of Health and Human Services

NTP Historical Controls Report

By Route and Vehicle

MICE

November 2024

REPORT DESCRIPTION

This report shows the tumor rates of control group animals from selected studies. The studies used are shown on the Study Summary page.

This report is broken up into sections based on the route and vehicle used to deliver the chemical. The Table of Contents on Page 4 shows the different Route/Vehicle combinations. To see the data from all routes and vehicles combined into one set, please refer to the "All Routes" report.

The individual tumor rates shown on the data pages of the report relate to the Study Summary page as follows: the tumor rates are shown in the same order as the Study Summary page, except that they are grouped horizontally in sets of three, with the males in the first set of three and the females in the second set. For example if the study summary showed the studies like this:

Male

M1
M2
M3
M4
M5

Female

F1
F2
F3
F4
F5

the data would be shown as:

Male			Female		
M1	M2	M3	F1	F2	F3
M4	M5		F4	F5	

Directly beneath the individual tumor rates on the data pages are the overall totals for that tumor/site combination. This includes the total tumors/animals, the overall mean (in parentheses), the mean of the study means, and the standard deviation of the study means.

Studies with no control animals of a particular gender are listed on the summary page with the Number of Animals shown as zero and the Start Date and Length of Study shown as "N/A". On the data pages for these studies, there are blank spaces where the tumor rates would normally be found, so that the male and female rates for the remaining studies can be easily compared.

NOMENCLATURE CHANGES

The following changes to tissue or morphology nomenclature are seen in recent historical control reports:

Skin "Malignant Fibrous Histiocytoma" is now labeled as "Pleomorphic Fibrosarcoma" (changed on 2024 report).

The All Organs "Malignant Lymphoma" pool label now includes "Large Granular" (changed on 2024 report).

"Carcinoma" is now labeled as "Adenocarcinoma" for several organs, including harderian gland, intestine, mammary gland, salivary gland, and uterus (changed on 2022 report).

Small Intestine "Site Unspecified" is now labeled as "Any Site" (changed on 2022 report).

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Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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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							
Battelle Columbus Laboratory	050005804	N/A	N/A	0(0)	0(0)	N/A	Black Cohosh
Battelle Columbus Laboratory	052032306	05/22/12	730	50(1)	35(698)	52.5	Resveratrol
Female							
Battelle Columbus Laboratory	050005804	04/09/12	729	50(4)	40(703)	58.8	Black Cohosh
Battelle Columbus Laboratory	052032306	05/21/12	729	50(4)	44(716)	58.8	Resveratrol

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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		Male			Female		
#All Organs:							
Benign Tumors							
			33/50 (66%)		15/50 (30%)	17/50 (34%)	
Overall Incidence	Total	33/50 (66%)	Mean 66%	SD 0%	Total	32/100 (32%)	Mean 32% SD 2.83%
.....							
#All Organs:							
Malignant Tumors							
			24/50 (48%)		22/50 (44%)	18/50 (36%)	
Overall Incidence	Total	24/50 (48%)	Mean 48%	SD 0%	Total	40/100 (40%)	Mean 40% SD 5.66%
.....							
#All Organs:							
Malignant and Benign Tumors							
			41/50 (82%)		31/50 (62%)	27/50 (54%)	
Overall Incidence	Total	41/50 (82%)	Mean 82%	SD 0%	Total	58/100 (58%)	Mean 58% SD 5.66%
.....							
#All Organs:							
Hemangioma							
			0/50 (0%)		1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1% SD 1.41%
.....							
#All Organs:							
Hemangiosarcoma							
			3/50 (6%)		1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	2/100 (2%)	Mean 2% SD 0%
.....							
#All Organs:							
Hemangiosarcoma or Hemangioma							
			3/50 (6%)		2/50 (4%)	1/50 (2%)	
Overall Incidence	Total	3/50 (6%)	Mean 6%	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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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Male					Female				
#All Organs:									
Histiocytic Sarcoma									
			1/50 (2%)			2/50 (4%)	2/50 (4%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	4/100 (4%)	Mean 4%	SD 0%	
.....									
#All Organs:									
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated									
			0/50 (0%)			1/50 (2%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
#All Organs:									
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, Large Granular, or Undifferentiated Cell Type									
			7/50 (14%)			10/50 (20%)	9/50 (18%)		
Overall Incidence	Total	7/50 (14%)	Mean 14%	SD 0%	Total	19/100 (19%)	Mean 19%	SD 1.41%	
.....									
#All Organs:									
Malignant Schwannoma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#All Organs:									
Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Adrenal Cortex:									
Adenoma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male			Female		
*Adrenal Cortex:							
 Carcinoma or Adenoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Adrenal Medulla:							
 Pheochromocytoma Benign							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Adrenal Medulla:							
 Pheochromocytoma Malignant							
			1/50 (2%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Adrenal Medulla:							
 Pheochromocytoma: Benign, Complex, Malignant, NOS							
			1/50 (2%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Bone:							
 Fibrosarcoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Bone:							
 Hemangioma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
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		Male			Female		
#Bone:							
Hemangiosarcoma							
			0/50 (0%)			0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Bone:							
Osteoma							
			0/50 (0%)			0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Bone:							
Osteosarcoma							
			0/50 (0%)			1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1% SD 1.41%
.....							
#Bone:							
Osteosarcoma or Osteoma							
			0/50 (0%)			1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1% SD 1.41%
.....							
*Bone Marrow:							
Hemangiosarcoma							
			0/50 (0%)			0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Bone Marrow:							
Mast Cell Tumor Malignant							
			0/50 (0%)			0/50 (0%)	
Overall Incidence	Total	0/50 (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

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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male			Female		
*Brain:							
Meningioma Malignant							
		0/50	(0%)		1/50	(2%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1% SD 1.41%
.....							
*Brain:							
Meningioma: Benign, Malignant, NOS							
		0/50	(0%)		1/50	(2%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1% SD 1.41%
.....							
*Clitoral/Preputial Gland:							
Malignant Fibrous Histiocytoma							
		0/50	(0%)		0/50	(0%)	0/49 (0%)
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0% SD 0%
.....							
*Clitoral/Preputial Gland:							
Mast Cell Tumor							
		0/50	(0%)		0/50	(0%)	0/49 (0%)
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0% SD 0%
.....							
*Epididymis:							
Mast Cell Tumor							
		0/50	(0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%			
.....							
#Harderian Gland:							
Adenocarcinoma							
		2/50	(4%)		0/50	(0%)	1/50 (2%)
Overall Incidence	Total	2/50 (4%)	Mean 4%	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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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	Male				Female			
#Harderian Gland: Adenoma								
			6/50 (12%)			2/50 (4%)	3/50 (6%)	
Overall Incidence	Total	6/50 (12%)	Mean 12%	SD 0%	Total	5/100 (5%)	Mean 5%	SD 1.41%
.....								
#Harderian Gland: Adenoma or Adenocarcinoma								
			8/50 (16%)			2/50 (4%)	4/50 (8%)	
Overall Incidence	Total	8/50 (16%)	Mean 16%	SD 0%	Total	6/100 (6%)	Mean 6%	SD 2.83%
.....								
#Harderian Gland: Mast Cell Tumor								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Intestine Large: Cecum: Leiomyoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Intestine Small: Any Site: Adenocarcinoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Intestine Small: Any Site: Adenoma								
			1/50 (2%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male			Female		
#Intestine Small: Any Site:							
Adenoma or Adenocarcinoma							
			1/50 (2%)		0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/100 (1%)	Mean 1% SD 1.41%
.....							
#Intestine Small: Duodenum:							
Adenocarcinoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Duodenum:							
Adenoma							
			0/50 (0%)		0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1% SD 1.41%
.....							
#Intestine Small: Ileum:							
Adenoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Jejunum:							
Adenocarcinoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Jejunum:							
Adenoma							
			1/50 (2%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
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 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male			Female		
#Intestine Small: Jejunum:							
Mast Cell Tumor							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Islets, Pancreatic:							
Adenoma							
			0/50 (0%)		0/50 (0%)	0/49 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0% SD 0%
.....							
*Islets, Pancreatic:							
Carcinoma							
			0/50 (0%)		0/50 (0%)	0/49 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0% SD 0%
.....							
*Islets, Pancreatic:							
Carcinoma or Adenoma							
			0/50 (0%)		0/50 (0%)	0/49 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0% SD 0%
.....							
*Kidney: Renal Tubule:							
Adenoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Kidney: Renal Tubule:							
Carcinoma or Adenoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
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Male					Female				
*Kidney: Renal Tubule: Hemangiosarcoma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Kidney: Renal Tubule: Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Kidney: Renal Tubule: Renal Mesenchymal Tumor									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Liver: Cholangiocarcinoma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Liver: Hemangioma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Liver: Hemangiosarcoma									
			1/50 (2%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
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Male					Female				
*Liver:									
Hepatoblastoma									
			1/50 (2%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Liver:									
Hepatocellular Adenoma									
			25/50 (50%)			6/50 (12%)	8/50 (16%)		
Overall Incidence	Total	25/50 (50%)	Mean 50%	SD 0%	Total	14/100 (14%)	Mean 14%	SD 2.83%	
.....									
*Liver:									
Hepatocellular Carcinoma									
			7/50 (14%)			3/50 (6%)	3/50 (6%)		
Overall Incidence	Total	7/50 (14%)	Mean 14%	SD 0%	Total	6/100 (6%)	Mean 6%	SD 0%	
.....									
*Liver:									
Hepatocellular Carcinoma or Hepatoblastoma									
			8/50 (16%)			3/50 (6%)	3/50 (6%)		
Overall Incidence	Total	8/50 (16%)	Mean 16%	SD 0%	Total	6/100 (6%)	Mean 6%	SD 0%	
.....									
*Liver:									
Hepatocellular Carcinoma or Hepatocellular Adenoma									
			29/50 (58%)			8/50 (16%)	9/50 (18%)		
Overall Incidence	Total	29/50 (58%)	Mean 58%	SD 0%	Total	17/100 (17%)	Mean 17%	SD 1.41%	
.....									
*Liver:									
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma									
			30/50 (60%)			8/50 (16%)	9/50 (18%)		
Overall Incidence	Total	30/50 (60%)	Mean 60%	SD 0%	Total	17/100 (17%)	Mean 17%	SD 1.41%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
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		Male			Female		
*Liver:							
Hepatocellular Carcinoma							
		2/50 (4%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	2/50 (4%)	Mean 4% SD 0%	Total	0/100 (0%)	Mean 0% SD 0%	
.....							
*Liver:							
Ito Cell Tumor Benign							
		1/50 (2%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2% SD 0%	Total	0/100 (0%)	Mean 0% SD 0%	
.....							
*Liver:							
Mast Cell Tumor							
		0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0% SD 0%	Total	0/100 (0%)	Mean 0% SD 0%	
.....							
*Lung:							
Alveolar/Bronchiolar Adenoma							
		8/50 (16%)		2/50 (4%)	1/50 (2%)		
Overall Incidence	Total	8/50 (16%)	Mean 16% SD 0%	Total	3/100 (3%)	Mean 3% SD 1.41%	
.....							
*Lung:							
Alveolar/Bronchiolar Carcinoma							
		4/50 (8%)		0/50 (0%)	3/50 (6%)		
Overall Incidence	Total	4/50 (8%)	Mean 8% SD 0%	Total	3/100 (3%)	Mean 3% SD 4.24%	
.....							
*Lung:							
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma							
		11/50 (22%)		2/50 (4%)	4/50 (8%)		
Overall Incidence	Total	11/50 (22%)	Mean 22% SD 0%	Total	6/100 (6%)	Mean 6% SD 2.83%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male				Female			
*Lung:									
 Hemangiosarcoma									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Lung:									
 Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Lymph Node:									
 Hemangiosarcoma									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Lymph Node:									
 Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Lymph Node, Axillary:									
 Hemangioma									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Lymph Node, Mandibular:									
 Hemangiosarcoma									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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Male					Female				
#Lymph Node, Mandibular: Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Lymph Node, Mandibular: Mast Cell Tumor Malignant									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Lymph Node, Mesenteric: Hemangioma									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Lymph Node, Mesenteric: Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Lymph Node, Mesenteric: Mast Cell Tumor Malignant									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Mammary Gland: Adenocarcinoma									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
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Male					Female				
#Mammary Gland: Adenoma									
			0/50 (0%)			0/50 (0%)	1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
#Mammary Gland: Adenoma or Adenocarcinoma									
			0/50 (0%)			0/50 (0%)	1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
#Mammary Gland: Fibroma, Fibroadenoma or Adenoma									
			0/50 (0%)			0/50 (0%)	1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
#Mammary Gland: Fibroma, Fibroadenoma, Adenocarcinoma, or Adenoma									
			0/50 (0%)			0/50 (0%)	1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
#Mesentery: Hemangioma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Mesentery: Hemangiosarcoma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male			Female		
#Mesentery:							
Lipoma							
		0/50	(0%)		0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
#Mesentery:							
Malignant Fibrous Histiocytoma							
		0/50	(0%)		0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
#Mesentery:							
Sarcoma							
		0/50	(0%)		0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
*Nose:							
Carcinoma							
		0/50	(0%)		0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
*Nose:							
Polyp							
		0/50	(0%)		0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
#Oral Mucosa:							
Squamous Cell Carcinoma							
		0/50	(0%)		0/50	(0%)	1/50 (2%)
Overall Incidence	Total	0/50	(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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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	Male				Female			
#Oral Mucosa, Tongue, Pharynx, or Gingiva:								
Papilloma Squamous or Papilloma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Oral Mucosa, Tongue, Pharynx, or Gingiva:								
Squamous Cell Carcinoma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Oral Mucosa, Tongue, Pharynx, or Gingiva:								
Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
*Ovary:								
Adenocarcinoma, Cystadenoma, or Cystadenocarcinoma								
						2/49 (4%)	3/49 (6%)	
Overall Incidence					Total	5/98 (5.1%)	Mean 5.1%	SD 1.44%
.....								
*Ovary:								
Adenoma								
						0/49 (0%)	0/49 (0%)	
Overall Incidence					Total	0/98 (0%)	Mean 0%	SD 0%
.....								
*Ovary:								
Cystadenoma								
						2/49 (4%)	3/49 (6%)	
Overall Incidence					Total	5/98 (5.1%)	Mean 5.1%	SD 1.44%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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	Male	Female
*Ovary:		
Cystadenoma or Cystadenocarcinoma		
	2/49 (4%)	3/49 (6%)
Overall Incidence	Total 5/98 (5.1%)	Mean 5.1% SD 1.44%
.....		
*Ovary:		
Granulosa-Theca Tumor Malignant		
	0/49 (0%)	0/49 (0%)
Overall Incidence	Total 0/98 (0%)	Mean 0% SD 0%
.....		
*Ovary:		
Granulosa Cell Tumor Benign		
	0/49 (0%)	0/49 (0%)
Overall Incidence	Total 0/98 (0%)	Mean 0% SD 0%
.....		
*Ovary:		
Granulosa Cell Tumor, Luteoma, Thecoma, or Sertoli Cell Tumor (Benign, Malignant, NOS)		
	0/49 (0%)	0/49 (0%)
Overall Incidence	Total 0/98 (0%)	Mean 0% SD 0%
.....		
*Ovary:		
Granulosa Cell Tumor: Benign, Malignant, NOS		
	0/49 (0%)	0/49 (0%)
Overall Incidence	Total 0/98 (0%)	Mean 0% SD 0%
.....		
*Ovary:		
Hemangioma		
	0/49 (0%)	0/49 (0%)
Overall Incidence	Total 0/98 (0%)	Mean 0% SD 0%
.....		

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Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
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	Male	Female
*Ovary:		
Hemangiosarcoma		
	0/49 (0%)	0/49 (0%)
Overall Incidence	Total 0/98 (0%)	Mean 0% SD 0%
.....		
*Ovary:		
Luteoma		
	0/49 (0%)	0/49 (0%)
Overall Incidence	Total 0/98 (0%)	Mean 0% SD 0%
.....		
*Ovary:		
Teratoma		
	0/49 (0%)	0/49 (0%)
Overall Incidence	Total 0/98 (0%)	Mean 0% SD 0%
.....		
*Ovary:		
Teratoma (Benign or Malignant), Yolk Sac Carcinoma (Malignant), or Choriocarcinoma (Malignant)		
	0/49 (0%)	0/49 (0%)
Overall Incidence	Total 0/98 (0%)	Mean 0% SD 0%
.....		
*Ovary:		
Teratoma, Benign or Malignant		
	0/49 (0%)	0/49 (0%)
Overall Incidence	Total 0/98 (0%)	Mean 0% SD 0%
.....		
*Ovary:		
Thecoma Benign		
	0/49 (0%)	0/49 (0%)
Overall Incidence	Total 0/98 (0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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				Male					Female
*Ovary:									
Thecoma Malignant									
						0/49 (0%)		0/49 (0%)	
Overall Incidence				Total	0/98 (0%)		Mean 0%		SD 0%
.....									
*Ovary:									
Tubulostromal Adenoma									
						0/49 (0%)		1/49 (2%)	
Overall Incidence				Total	1/98 (1.02%)		Mean 1.02%		SD 1.44%
.....									
*Ovary:									
Tubulostromal Carcinoma									
						0/49 (0%)		0/49 (0%)	
Overall Incidence				Total	0/98 (0%)		Mean 0%		SD 0%
.....									
*Pancreas:									
Malignant Fibrous Histiocytoma									
						0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Pancreas:									
Mast Cell Tumor									
						0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Parathyroid Gland:									
Carcinoma									
						0/41 (0%)		0/37 (0%)	
Overall Incidence	Total	0/40 (0%)	Mean 0%	SD 0%	Total	0/78 (0%)	Mean 0%	SD 0%	
.....									

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Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
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Male				Female			
*Pituitary Gland: Pars Distalis or Unspecified Site: Adenoma							
		0/48 (0%)	Mean 0%	SD 0%	2/49 (4%)	3/47 (6%)	
Overall Incidence	Total	0/48 (0%)			5/96 (5.21%)	Mean 5.23%	SD 1.63%
.....							
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma or Adenoma							
		0/48 (0%)	Mean 0%	SD 0%	2/49 (4%)	3/47 (6%)	
Overall Incidence	Total	0/48 (0%)			5/96 (5.21%)	Mean 5.23%	SD 1.63%
.....							
*Pituitary Gland: Pars Intermedia: Adenoma							
		0/48 (0%)	Mean 0%	SD 0%	0/49 (0%)	0/47 (0%)	
Overall Incidence	Total	0/48 (0%)			0/96 (0%)	Mean 0%	SD 0%
.....							
*Pituitary Gland: Pars Intermedia: Carcinoma or Adenoma							
		0/48 (0%)	Mean 0%	SD 0%	0/49 (0%)	0/47 (0%)	
Overall Incidence	Total	0/48 (0%)			0/96 (0%)	Mean 0%	SD 0%
.....							
*Pituitary Gland: Pars Intermedia: Schwannoma Malignant							
		0/48 (0%)	Mean 0%	SD 0%	0/49 (0%)	0/47 (0%)	
Overall Incidence	Total	0/48 (0%)			0/96 (0%)	Mean 0%	SD 0%
.....							
*Prostate: Hemangiosarcoma							
		1/50 (2%)	Mean 2%	SD 0%			
Overall Incidence	Total	1/50 (2%)					

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 #: Denominator is number of animals necropsied

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male				Female			
*Prostate:									
Mast Cell Tumor									
			0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%					
.....									
*Salivary Glands:									
Adenocarcinoma									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Salivary Glands:									
Adenoma or Adenocarcinoma									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Salivary Glands:									
Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Seminal Vesicle:									
Fibroma									
			0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%					
.....									
#Skeletal Muscle:									
Fibrosarcoma									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									

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Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
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Toxicology Data Management System
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Male					Female				
#Skeletal Muscle:									
Hemangiosarcoma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Skeletal Muscle:									
Osteosarcoma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Skeletal Muscle:									
Rhabdomyosarcoma									
			0/50 (0%)			1/50 (2%)	1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 0%	
.....									
#Skeletal Muscle:									
Rhabdomyosarcoma or Rhabdomyoma									
			0/50 (0%)			1/50 (2%)	1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 0%	
.....									
#Skeletal Muscle:									
Sarcoma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Skin:									
Basal Cell Adenoma									
			1/50 (2%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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	Male				Female			
#Skin:								
Basal or Squamous Cell Carcinoma, Basosquamous Tumor (Malignant or Benign), Basal Cell Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, Adenoma, Sebaceous Gland Adenoma, or Sebaceous Gland Adenocarcinoma								
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
					Total	0/100 (0%)	Mean 0%	SD 0%
<hr/>								
#Skin:								
Basosquamous Tumor (Benign), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, or Sebaceous Gland Adenoma								
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
					Total	0/100 (0%)	Mean 0%	SD 0%
<hr/>								
#Skin:								
Fibroma								
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
					Total	0/100 (0%)	Mean 0%	SD 0%
<hr/>								
#Skin:								
Fibroma or Myxoma								
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
					Total	0/100 (0%)	Mean 0%	SD 0%
<hr/>								
#Skin:								
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Pleomorphic Fibrosarcoma								
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 3%	SD 1.41%
					Total	3/100 (3%)	Mean 3%	SD 1.41%
<hr/>								
#Skin:								
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, Pleomorphic Fibrosarcoma, or Hemangiopericytoma								
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 3%	SD 1.41%
					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: Nov2024
 Contract/Lab: All Laboratories
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 Tumor Incidence for Selected Control Animal Groups
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	Male				Female			
#Skin:								
Fibrosarcoma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Skin:								
Fibrosarcoma, Sarcoma, Myxosarcoma, or Pleomorphic Fibrosarcoma								
			0/50 (0%)			1/50 (2%)	2/50 (4%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	3/100 (3%)	Mean 3%	SD 1.41%
.....								
#Skin:								
Hemangioma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Hemangiosarcoma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Skin:								
Lipoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Liposarcoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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	Male				Female			
#Skin:								
Melanoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Osteosarcoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Pilomatrixoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Pleomorphic Fibrosarcoma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Skin:								
Sarcoma								
			0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Skin:								
Schwannoma Malignant								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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	Male				Female			
#Skin: Sebaceous Gland:								
Adenoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Spinal Cord:								
Astrocytoma Malignant								
			0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Spinal Cord:								
Schwannoma Malignant								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
*Spleen:								
Hemangiosarcoma								
			1/50 (2%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Stomach, Forestomach:								
Mast Cell Tumor Malignant								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Stomach, Forestomach:								
Papilloma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male			Female		
#Stomach, Forestomach:							
Squamous Cell Carcinoma or Papilloma Squamous							
			1/50 (2%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Stomach, Forestomach:							
Squamous Cell Papilloma							
			1/50 (2%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Stomach, Glandular:							
Adenoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Stomach, Glandular:							
Carcinoma or Adenoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Testis:							
Adenoma							
			0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%			
.....							
*Testis:							
Hemangioma							
			0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%			
.....							

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male			Female		
*Thymus:							
Hemangioma							
			0/41 (0%)		0/48 (0%)	0/49 (0%)	
Overall Incidence	Total	0/41 (0%)	Mean 0%	SD 0%	Total	0/97 (0%)	Mean 0% SD 0%
.....							
*Thymus:							
Hemangiosarcoma							
			0/41 (0%)		0/48 (0%)	0/49 (0%)	
Overall Incidence	Total	0/41 (0%)	Mean 0%	SD 0%	Total	0/97 (0%)	Mean 0% SD 0%
.....							
*Thymus:							
Thymoma Benign							
			0/41 (0%)		0/48 (0%)	0/49 (0%)	
Overall Incidence	Total	0/41 (0%)	Mean 0%	SD 0%	Total	0/97 (0%)	Mean 0% SD 0%
.....							
*Thyroid Gland: C-Cell:							
Carcinoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Thyroid Gland: C-Cell:							
Carcinoma or Adenoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Thyroid Gland: Follicular Cell:							
Adenoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male			Female		
*Thyroid Gland: Follicular Cell: Carcinoma							
		0/50 (0%)	Mean 0%	SD 0%	1/50 (2%)	0/50 (0%)	SD 1.41%
Overall Incidence	Total	0/50 (0%)			1/100 (1%)	Mean 1%	
.....							
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma							
		0/50 (0%)	Mean 0%	SD 0%	1/50 (2%)	0/50 (0%)	SD 1.41%
Overall Incidence	Total	0/50 (0%)			1/100 (1%)	Mean 1%	
.....							
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous							
		0/50 (0%)	Mean 0%	SD 0%	0/50 (0%)	0/50 (0%)	SD 0%
Overall Incidence	Total	0/50 (0%)			0/100 (0%)	Mean 0%	
.....							
#Tongue: Squamous Cell Papilloma							
		0/50 (0%)	Mean 0%	SD 0%	0/50 (0%)	0/50 (0%)	SD 0%
Overall Incidence	Total	0/50 (0%)			0/100 (0%)	Mean 0%	
.....							
#Tooth: Odontoma							
		0/50 (0%)	Mean 0%	SD 0%	0/50 (0%)	0/50 (0%)	SD 0%
Overall Incidence	Total	0/50 (0%)			0/100 (0%)	Mean 0%	
.....							
*Urinary Bladder: Mast Cell Tumor							
		0/50 (0%)	Mean 0%	SD 0%	0/50 (0%)	0/50 (0%)	SD 0%
Overall Incidence	Total	0/50 (0%)			0/100 (0%)	Mean 0%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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	Male	Female
*Uterus:		
Adenocarcinoma or Adenoma		
Overall Incidence	Total 0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0% SD 0%
.....		
*Uterus:		
Adenoma		
Overall Incidence	Total 0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0% SD 0%
.....		
*Uterus:		
Fibroma		
Overall Incidence	Total 0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0% SD 0%
.....		
*Uterus:		
Granular Cell Tumor Benign		
Overall Incidence	Total 1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1% SD 1.41%
.....		
*Uterus:		
Hemangioma		
Overall Incidence	Total 1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1% SD 1.41%
.....		
*Uterus:		
Hemangiosarcoma		
Overall Incidence	Total 0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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	Male	Female
*Uterus:		
Leiomyoma		
	0/50 (0%)	0/50 (0%)
Overall Incidence	Total 0/100 (0%)	Mean 0% SD 0%
.....		
*Uterus:		
Leiomyosarcoma or Leiomyoma		
	0/50 (0%)	0/50 (0%)
Overall Incidence	Total 0/100 (0%)	Mean 0% SD 0%
.....		
*Uterus:		
Polyp Stromal		
	1/50 (2%)	0/50 (0%)
Overall Incidence	Total 1/100 (1%)	Mean 1% SD 1.41%
.....		
*Uterus:		
Sarcoma		
	1/50 (2%)	0/50 (0%)
Overall Incidence	Total 1/100 (1%)	Mean 1% SD 1.41%
.....		
*Uterus:		
Sarcoma Stromal or Polyp Stromal		
	1/50 (2%)	0/50 (0%)
Overall Incidence	Total 1/100 (1%)	Mean 1% SD 1.41%
.....		
#Vagina:		
Hemangioma		
	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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: INHALATION
 Vehicle: AIR

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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							
Battelle Columbus Laboratory	050706204	06/28/16	742	50(1)	37(709)	51.0	1020 Long Multiwalled Carbon Nanotubes
Battelle Columbus Laboratory	052030201	02/09/15	729	50(1)	39(696)	52.2	alpha-Pinene
Battelle Northwest	051047204	01/31/11	729	50(5)	40(705)	52.7	p-Chloro-a,a,a-trifluorotoluene
Female							
Battelle Columbus Laboratory	050706204	06/28/16	744	50(1)	37(708)	59.1	1020 Long Multiwalled Carbon Nanotubes
Battelle Columbus Laboratory	052030201	02/09/15	731	50(1)	33(688)	56.1	alpha-Pinene
Battelle Northwest	051047204	01/31/11	731	50(5)	38(700)	55.9	p-Chloro-a,a,a-trifluorotoluene

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female		
#All Organs:							
Benign Tumors							
		20/50 (40%)	28/50 (56%)	32/50 (64%)	28/50 (56%)	18/50 (36%)	24/50 (48%)
Overall Incidence	Total	80/150 (53.33%)	Mean 53.33%	SD 12.22%	Total	70/150 (46.67%)	Mean 46.67% SD 10.07%
.....							
#All Organs:							
Malignant Tumors							
		24/50 (48%)	23/50 (46%)	25/50 (50%)	19/50 (38%)	24/50 (48%)	24/50 (48%)
Overall Incidence	Total	72/150 (48%)	Mean 48%	SD 2%	Total	67/150 (44.67%)	Mean 44.67% SD 5.77%
.....							
#All Organs:							
Malignant and Benign Tumors							
		36/50 (72%)	40/50 (80%)	44/50 (88%)	33/50 (66%)	36/50 (72%)	38/50 (76%)
Overall Incidence	Total	120/150 (80%)	Mean 80%	SD 8%	Total	107/150 (71.33%)	Mean 71.33% SD 5.03%
.....							
#All Organs:							
Hemangioma							
		1/50 (2%)	0/50 (0%)	0/50 (0%)	3/50 (6%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	3/150 (2%)	Mean 2% SD 3.46%
.....							
#All Organs:							
Hemangiosarcoma							
		2/50 (4%)	0/50 (0%)	2/50 (4%)	1/50 (2%)	1/50 (2%)	3/50 (6%)
Overall Incidence	Total	4/150 (2.67%)	Mean 2.67%	SD 2.31%	Total	5/150 (3.33%)	Mean 3.33% SD 2.31%
.....							
#All Organs:							
Hemangiosarcoma or Hemangioma							
		3/50 (6%)	0/50 (0%)	2/50 (4%)	4/50 (8%)	1/50 (2%)	3/50 (6%)
Overall Incidence	Total	5/150 (3.33%)	Mean 3.33%	SD 3.06%	Total	8/150 (5.33%)	Mean 5.33% SD 3.06%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female			
#All Organs:								
Histiocytic Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	4/50 (8%)	2/50 (4%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	8/150 (5.33%)	Mean 5.33%	SD 2.31%
.....								
#All Organs:								
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#All Organs:								
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, Large Granular, or Undifferentiated Cell Type								
		6/50 (12%)	1/50 (2%)	6/50 (12%)	10/50 (20%)	7/50 (14%)	9/50 (18%)	
Overall Incidence	Total	13/150 (8.67%)	Mean 8.67%	SD 5.77%	Total	26/150 (17.33%)	Mean 17.33%	SD 3.06%
.....								
#All Organs:								
Malignant Schwannoma								
		0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#All Organs:								
Mast Cell Tumor								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
*Adrenal Cortex:								
Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female					
*Adrenal Cortex:											
 Carcinoma or Adenoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
*Adrenal Medulla:											
 Pheochromocytoma Benign											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	2/150	(1.33%)	Mean 1.33%	SD 1.15%	
.....											
*Adrenal Medulla:											
 Pheochromocytoma Malignant											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	
.....											
*Adrenal Medulla:											
 Pheochromocytoma: Benign, Complex, Malignant, NOS											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	1/50	(2%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	3/150	(2%)	Mean 2%	SD 0%	
.....											
#Bone:											
 Fibrosarcoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	
.....											
#Bone:											
 Hemangioma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female			
#Bone:								
Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Bone:								
Osteoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
.....								
#Bone:								
Osteosarcoma								
		1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Bone:								
Osteosarcoma or Osteoma								
		1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
.....								
*Bone Marrow:								
Hemangiosarcoma								
		0/8 (0%)	0/50 (0%)	0/50 (0%)	0/4 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/108 (0%)	Mean 0%	SD 0%	Total	0/104 (0%)	Mean 0%	SD 0%
.....								
*Bone Marrow:								
Mast Cell Tumor Malignant								
		0/8 (0%)	0/50 (0%)	0/50 (0%)	0/4 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/108 (0%)	Mean 0%	SD 0%	Total	0/104 (0%)	Mean 0%	SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 11/07/2024

		Male			Female		
*Brain:							
Meningioma Malignant							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
*Brain:							
Meningioma: Benign, Malignant, NOS							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
*Clitoral/Preputial Gland:							
Malignant Fibrous Histiocytoma							
		1/50 (2%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)
Overall Incidence	Total	1/149 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/145 (0%)	Mean 0% SD 0%
.....							
*Clitoral/Preputial Gland:							
Mast Cell Tumor							
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/145 (0%)	Mean 0% SD 0%
.....							
*Epididymis:							
Mast Cell Tumor							
		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%			
.....							
#Harderian Gland:							
Adenocarcinoma							
		3/50 (6%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	1/50 (2%)
Overall Incidence	Total	4/150 (2.67%)	Mean 2.67%	SD 3.06%	Total	1/150 (0.67%)	Mean 0.67% SD 1.15%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female			
#Harderian Gland:								
Adenoma								
		3/50 (6%)	6/50 (12%)	5/50 (10%)	5/50 (10%)	3/50 (6%)	2/50 (4%)	
Overall Incidence	Total	14/150 (9.33%)	Mean 9.33%	SD 3.06%	Total	10/150 (6.67%)	Mean 6.67%	SD 3.06%
.....								
#Harderian Gland:								
Adenoma or Adenocarcinoma								
		6/50 (12%)	6/50 (12%)	6/50 (12%)	5/50 (10%)	4/50 (8%)	2/50 (4%)	
Overall Incidence	Total	18/150 (12%)	Mean 12%	SD 0%	Total	11/150 (7.33%)	Mean 7.33%	SD 3.06%
.....								
#Harderian Gland:								
Mast Cell Tumor								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Intestine Large: Cecum:								
Leiomyoma								
		1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Intestine Small: Any Site:								
Adenocarcinoma								
		3/50 (6%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	4/150 (2.67%)	Mean 2.67%	SD 3.06%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Intestine Small: Any Site:								
Adenoma								
		0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female			
#Intestine Small: Any Site:								
Adenoma or Adenocarcinoma								
		3/50 (6%)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	5/150 (3.33%)	Mean 3.33%	SD 2.31%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
.....								
#Intestine Small: Duodenum:								
Adenocarcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Intestine Small: Duodenum:								
Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Intestine Small: Ileum:								
Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
.....								
#Intestine Small: Jejunum:								
Adenocarcinoma								
		3/50 (6%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	4/150 (2.67%)	Mean 2.67%	SD 3.06%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Intestine Small: Jejunum:								
Adenoma								
		0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female			
#Intestine Small: Jejunum:									
Mast Cell Tumor									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
*Islets, Pancreatic:									
Adenoma									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		1/49 (2%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/149 (0.67%)	Mean 0.68%	SD 1.18%	
.....									
*Islets, Pancreatic:									
Carcinoma									
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/149 (0%)	Mean 0%	SD 0%	
.....									
*Islets, Pancreatic:									
Carcinoma or Adenoma									
		1/50 (2%)	0/50 (0%)	1/50 (2%)		1/49 (2%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%	Total	1/149 (0.67%)	Mean 0.68%	SD 1.18%	
.....									
*Kidney: Renal Tubule:									
Adenoma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/149 (0.67%)	Mean 0.67%	SD 1.15%	
.....									
*Kidney: Renal Tubule:									
Carcinoma or Adenoma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/149 (0.67%)	Mean 0.67%	SD 1.15%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female			
*Kidney: Renal Tubule: Hemangiosarcoma									
Overall Incidence	Total	0/50 (0%)	0/49 (0%)	0/50 (0%)	Total	0/49 (0%)	0/50 (0%)	0/50 (0%)	
		0/149 (0%)	Mean 0%	SD 0%		0/149 (0%)	Mean 0%	SD 0%	
*Kidney: Renal Tubule: Mast Cell Tumor									
Overall Incidence	Total	0/50 (0%)	0/49 (0%)	0/50 (0%)	Total	0/49 (0%)	0/50 (0%)	0/50 (0%)	
		0/149 (0%)	Mean 0%	SD 0%		0/149 (0%)	Mean 0%	SD 0%	
*Kidney: Renal Tubule: Renal Mesenchymal Tumor									
Overall Incidence	Total	0/50 (0%)	0/49 (0%)	0/50 (0%)	Total	0/49 (0%)	0/50 (0%)	0/50 (0%)	
		0/149 (0%)	Mean 0%	SD 0%		0/149 (0%)	Mean 0%	SD 0%	
*Liver: Cholangiocarcinoma									
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/150 (0%)	Mean 0%	SD 0%		0/150 (0%)	Mean 0%	SD 0%	
*Liver: Hemangioma									
Overall Incidence	Total	1/50 (2%)	0/50 (0%)	0/50 (0%)	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)	
		1/150 (0.67%)	Mean 0.67%	SD 1.15%		0/150 (0%)	Mean 0%	SD 0%	
*Liver: Hemangiosarcoma									
Overall Incidence	Total	1/50 (2%)	0/50 (0%)	0/50 (0%)	Total	0/50 (0%)	1/50 (2%)	0/50 (0%)	
		1/150 (0.67%)	Mean 0.67%	SD 1.15%		1/150 (0.67%)	Mean 0.67%	SD 1.15%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
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 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
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		Male			Female			
*Liver:								
Hepatoblastoma								
		0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Hepatocellular Adenoma								
		13/50 (26%)	23/50 (46%)	25/50 (50%)	4/50 (8%)	6/50 (12%)	12/50 (24%)	
Overall Incidence	Total	61/150 (40.67%)	Mean 40.67%	SD 12.86%	Total	22/150 (14.67%)	Mean 14.67%	SD 8.33%
.....								
*Liver:								
Hepatocellular Carcinoma								
		13/50 (26%)	18/50 (36%)	8/50 (16%)	6/50 (12%)	7/50 (14%)	7/50 (14%)	
Overall Incidence	Total	39/150 (26%)	Mean 26%	SD 10%	Total	20/150 (13.33%)	Mean 13.33%	SD 1.15%
.....								
*Liver:								
Hepatocellular Carcinoma or Hepatoblastoma								
		13/50 (26%)	18/50 (36%)	9/50 (18%)	6/50 (12%)	7/50 (14%)	7/50 (14%)	
Overall Incidence	Total	40/150 (26.67%)	Mean 26.67%	SD 9.02%	Total	20/150 (13.33%)	Mean 13.33%	SD 1.15%
.....								
*Liver:								
Hepatocellular Carcinoma or Hepatocellular Adenoma								
		25/50 (50%)	33/50 (66%)	30/50 (60%)	9/50 (18%)	12/50 (24%)	18/50 (36%)	
Overall Incidence	Total	88/150 (58.67%)	Mean 58.67%	SD 8.08%	Total	39/150 (26%)	Mean 26%	SD 9.17%
.....								
*Liver:								
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma								
		25/50 (50%)	33/50 (66%)	31/50 (62%)	9/50 (18%)	12/50 (24%)	18/50 (36%)	
Overall Incidence	Total	89/150 (59.33%)	Mean 59.33%	SD 8.33%	Total	39/150 (26%)	Mean 26%	SD 9.17%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female			
*Liver:									
Hepatocolangiocarcinoma									
		0/50 (0%)	0/50 (0%)	3/50 (6%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	3/150 (2%)	Mean 2%	SD 3.46%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
*Liver:									
Ito Cell Tumor Benign									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
*Liver:									
Mast Cell Tumor									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
*Lung:									
Alveolar/Bronchiolar Adenoma									
		4/50 (8%)	5/50 (10%)	11/50 (22%)		3/50 (6%)	2/50 (4%)	5/50 (10%)	
Overall Incidence	Total	20/150 (13.33%)	Mean 13.33%	SD 7.57%	Total	10/150 (6.67%)	Mean 6.67%	SD 3.06%	
.....									
*Lung:									
Alveolar/Bronchiolar Carcinoma									
		6/50 (12%)	9/50 (18%)	6/50 (12%)		3/50 (6%)	1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	21/150 (14%)	Mean 14%	SD 3.46%	Total	4/150 (2.67%)	Mean 2.67%	SD 3.06%	
.....									
*Lung:									
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma									
		10/50 (20%)	14/50 (28%)	17/50 (34%)		6/50 (12%)	3/50 (6%)	5/50 (10%)	
Overall Incidence	Total	41/150 (27.33%)	Mean 27.33%	SD 7.02%	Total	14/150 (9.33%)	Mean 9.33%	SD 3.06%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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		Male			Female		
*Lung:							
Hemangiosarcoma							
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%
							SD 0%
.....							
*Lung:							
Mast Cell Tumor							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%
							SD 0%
.....							
#Lymph Node:							
Hemangiosarcoma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%
							SD 0%
.....							
#Lymph Node:							
Mast Cell Tumor							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%
							SD 0%
.....							
#Lymph Node, Axillary:							
Hemangioma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%
							SD 0%
.....							
#Lymph Node, Mandibular:							
Hemangiosarcoma							
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%
							SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

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 Tumor Incidence for Selected Control Animal Groups
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		Male				Female					
#Lymph Node, Mandibular: Mast Cell Tumor											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Lymph Node, Mandibular: Mast Cell Tumor Malignant											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Lymph Node, Mesenteric: Hemangioma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	
.....											
#Lymph Node, Mesenteric: Mast Cell Tumor											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Lymph Node, Mesenteric: Mast Cell Tumor Malignant											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Mammary Gland: Adenocarcinoma											
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	Total	0/150	(0%)	Mean 0%	SD 0%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
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 Tumor Incidence for Selected Control Animal Groups
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		Male				Female			
#Mammary Gland:									
Adenoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Mammary Gland:									
Adenoma or Adenocarcinoma									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Mammary Gland:									
Fibroma, Fibroadenoma or Adenoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Mammary Gland:									
Fibroma, Fibroadenoma, Adenocarcinoma, or Adenoma									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Mesentery:									
Hemangioma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Mesentery:									
Hemangiosarcoma									
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

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 Tumor Incidence for Selected Control Animal Groups
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		Male			Female		
#Mesentery:							
Lipoma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
#Mesentery:							
Malignant Fibrous Histiocytoma							
		1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
#Mesentery:							
Sarcoma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
*Nose:							
Carcinoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
*Nose:							
Polyp							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
#Oral Mucosa:							
Squamous Cell Carcinoma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female			
#Oral Mucosa, Tongue, Pharynx, or Gingiva:									
Papilloma Squamous or Papilloma									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Oral Mucosa, Tongue, Pharynx, or Gingiva:									
Squamous Cell Carcinoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Oral Mucosa, Tongue, Pharynx, or Gingiva:									
Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
*Ovary:									
Adenocarcinoma, Cystadenoma, or Cystadenocarcinoma									
						1/48 (2%)	1/48 (2%)	2/50 (4%)	
Overall Incidence	Total				4/146 (2.74%)	Mean 2.72%	SD 1.11%		
.....									
*Ovary:									
Adenoma									
						1/48 (2%)	0/48 (0%)	0/50 (0%)	
Overall Incidence	Total				1/146 (0.68%)	Mean 0.69%	SD 1.2%		
.....									
*Ovary:									
Cystadenoma									
						1/48 (2%)	1/48 (2%)	2/50 (4%)	
Overall Incidence	Total				4/146 (2.74%)	Mean 2.72%	SD 1.11%		

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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	Male			Female		
*Ovary:						
Cystadenoma or Cystadenocarcinoma						
		1/48	(2%)	1/48	(2%)	2/50 (4%)
Overall Incidence	Total	4/146 (2.74%)		Mean	2.72%	SD 1.11%
.....						
*Ovary:						
Granulosa-Theca Tumor Malignant						
		0/48	(0%)	0/48	(0%)	1/50 (2%)
Overall Incidence	Total	1/146 (0.68%)		Mean	0.67%	SD 1.15%
.....						
*Ovary:						
Granulosa Cell Tumor Benign						
		0/48	(0%)	0/48	(0%)	0/50 (0%)
Overall Incidence	Total	0/146 (0%)		Mean	0%	SD 0%
.....						
*Ovary:						
Granulosa Cell Tumor, Luteoma, Thecoma, or Sertoli Cell Tumor (Benign, Malignant, NOS)						
		2/48	(4%)	1/48	(2%)	2/50 (4%)
Overall Incidence	Total	5/146 (3.42%)		Mean	3.42%	SD 1.16%
.....						
*Ovary:						
Granulosa Cell Tumor: Benign, Malignant, NOS						
		0/48	(0%)	0/48	(0%)	0/50 (0%)
Overall Incidence	Total	0/146 (0%)		Mean	0%	SD 0%
.....						
*Ovary:						
Hemangioma						
		0/48	(0%)	0/48	(0%)	0/50 (0%)
Overall Incidence	Total	0/146 (0%)		Mean	0%	SD 0%
.....						

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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	Male			Female		
*Ovary:						
Hemangiosarcoma						
		0/48	(0%)	0/48	(0%)	0/50
Overall Incidence	Total	0/146	(0%)	Mean 0%		SD 0%
.....						
*Ovary:						
Luteoma						
		2/48	(4%)	1/48	(2%)	2/50
Overall Incidence	Total	5/146	(3.42%)	Mean 3.42%		SD 1.16%
.....						
*Ovary:						
Teratoma						
		1/48	(2%)	0/48	(0%)	0/50
Overall Incidence	Total	1/146	(0.68%)	Mean 0.69%		SD 1.2%
.....						
*Ovary:						
Teratoma (Benign or Malignant), Yolk Sac Carcinoma (Malignant), or Choriocarcinoma (Malignant)						
		1/48	(2%)	0/48	(0%)	0/50
Overall Incidence	Total	1/146	(0.68%)	Mean 0.69%		SD 1.2%
.....						
*Ovary:						
Teratoma, Benign or Malignant						
		1/48	(2%)	0/48	(0%)	0/50
Overall Incidence	Total	1/146	(0.68%)	Mean 0.69%		SD 1.2%
.....						
*Ovary:						
Thecoma Benign						
		0/48	(0%)	0/48	(0%)	0/50
Overall Incidence	Total	0/146	(0%)	Mean 0%		SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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					Male						Female			
*Ovary:														
Thecoma Malignant														
							0/48	(0%)		0/48	(0%)	0/50	(0%)	
Overall Incidence					Total	0/146	(0%)		Mean	0%		SD	0%	
.....														
*Ovary:														
Tubulostromal Adenoma														
							0/48	(0%)		0/48	(0%)	0/50	(0%)	
Overall Incidence					Total	0/146	(0%)		Mean	0%		SD	0%	
.....														
*Ovary:														
Tubulostromal Carcinoma														
							0/48	(0%)		0/48	(0%)	0/50	(0%)	
Overall Incidence					Total	0/146	(0%)		Mean	0%		SD	0%	
.....														
*Pancreas:														
Malignant Fibrous Histiocytoma														
							1/50	(2%)	0/50	(0%)	0/50	(0%)		
Overall Incidence					Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	0/49	(0%)
												0/50	(0%)	
												Mean	0%	
												SD	0%	
.....														
*Pancreas:														
Mast Cell Tumor														
							0/50	(0%)	0/50	(0%)	0/50	(0%)		
Overall Incidence					Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/49	(0%)
												0/50	(0%)	
												Mean	0%	
												SD	0%	
.....														
*Parathyroid Gland:														
Carcinoma														
							0/47	(0%)	0/49	(0%)	0/36	(0%)		
Overall Incidence					Total	0/132	(0%)	Mean	0%	SD	0%	Total	0/46	(0%)
												0/47	(0%)	
												Mean	0%	
												SD	0%	
.....														

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female		
*Pituitary Gland: Pars Distalis or Unspecified Site:							
Adenoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	5/50 (10%)	8/48 (17%)	4/50 (8%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	17/148 (11.49%)	Mean 11.56% SD 4.54%
.....							
*Pituitary Gland: Pars Distalis or Unspecified Site:							
Carcinoma or Adenoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	5/50 (10%)	8/48 (17%)	4/50 (8%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	17/148 (11.49%)	Mean 11.56% SD 4.54%
.....							
*Pituitary Gland: Pars Intermedia:							
Adenoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	0/48 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/148 (0.68%)	Mean 0.67% SD 1.15%
.....							
*Pituitary Gland: Pars Intermedia:							
Carcinoma or Adenoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	0/48 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/148 (0.68%)	Mean 0.67% SD 1.15%
.....							
*Pituitary Gland: Pars Intermedia:							
Schwannoma Malignant							
		0/50 (0%)	0/49 (0%)	1/50 (2%)	0/50 (0%)	0/48 (0%)	0/50 (0%)
Overall Incidence	Total	1/149 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/148 (0%)	Mean 0% SD 0%
.....							
*Prostate:							
Hemangiosarcoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)			
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%			

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female		
*Prostate:							
Mast Cell Tumor							
		0/50 (0%)	0/49 (0%)	0/50 (0%)			
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%			
.....							
*Salivary Glands:							
Adenocarcinoma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total 1/150 (0.67%)	Mean 0.67% SD 1.15%	
.....							
*Salivary Glands:							
Adenoma or Adenocarcinoma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total 1/150 (0.67%)	Mean 0.67% SD 1.15%	
.....							
*Salivary Glands:							
Mast Cell Tumor							
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total 0/150 (0%)	Mean 0% SD 0%	
.....							
#Seminal Vesicle:							
Fibroma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%			
.....							
#Skeletal Muscle:							
Fibrosarcoma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total 1/150 (0.67%)	Mean 0.67% SD 1.15%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 11/07/2024

		Male			Female			
#Skeletal Muscle:								
Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Skeletal Muscle:								
Osteosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Skeletal Muscle:								
Rhabdomyosarcoma								
		0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)	2/50 (4%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	3/150 (2%)	Mean 2%	SD 2%
.....								
#Skeletal Muscle:								
Rhabdomyosarcoma or Rhabdomyoma								
		0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)	2/50 (4%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	3/150 (2%)	Mean 2%	SD 2%
.....								
#Skeletal Muscle:								
Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Basal Cell Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: INHALATION
 Vehicle: AIR

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	Male					Female								
#Skin:														
Basal or Squamous Cell Carcinoma, Basosquamous Tumor (Malignant or Benign), Basal Cell Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, Adenoma, Sebaceous Gland Adenoma, or Sebaceous Gland Adenocarcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/150 (0%)		Mean	0%	SD	0%	Total	0/150 (0%)		Mean	0%	SD	0%
.....														
#Skin:														
Basosquamous Tumor (Benign), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, or Sebaceous Gland Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/150 (0%)		Mean	0%	SD	0%	Total	0/150 (0%)		Mean	0%	SD	0%
.....														
#Skin:														
Fibroma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/150 (0%)		Mean	0%	SD	0%	Total	0/150 (0%)		Mean	0%	SD	0%
.....														
#Skin:														
Fibroma or Myxoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/150 (0%)		Mean	0%	SD	0%	Total	0/150 (0%)		Mean	0%	SD	0%
.....														
#Skin:														
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Pleomorphic Fibrosarcoma														
		1/50	(2%)	1/50	(2%)	1/50	(2%)	1/50	(2%)	3/50	(6%)	1/50	(2%)	
Overall Incidence	Total	3/150 (2%)		Mean	2%	SD	0%	Total	5/150 (3.33%)		Mean	3.33%	SD	2.31%
.....														
#Skin:														
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, Pleomorphic Fibrosarcoma, or Hemangiopericytoma														
		1/50	(2%)	1/50	(2%)	1/50	(2%)	1/50	(2%)	3/50	(6%)	1/50	(2%)	
Overall Incidence	Total	3/150 (2%)		Mean	2%	SD	0%	Total	5/150 (3.33%)		Mean	3.33%	SD	2.31%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female		
#Skin:							
Fibrosarcoma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33% SD 2.31%
.....							
#Skin:							
Fibrosarcoma, Sarcoma, Myxosarcoma, or Pleomorphic Fibrosarcoma							
		1/50 (2%)	1/50 (2%)	1/50 (2%)	1/50 (2%)	3/50 (6%)	1/50 (2%)
Overall Incidence	Total	3/150 (2%)	Mean 2%	SD 0%	Total	5/150 (3.33%)	Mean 3.33% SD 2.31%
.....							
#Skin:							
Hemangioma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Hemangiosarcoma							
		0/50 (0%)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%	Total	1/150 (0.67%)	Mean 0.67% SD 1.15%
.....							
#Skin:							
Lipoma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Liposarcoma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female					
#Skin:											
Melanoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Osteosarcoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Pilomatrixoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Pleomorphic Fibrosarcoma											
		1/50	(2%)	1/50	(2%)	1/50	(2%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	3/150	(2%)	Mean 2%	SD 0%	Total	2/150	(1.33%)	Mean 1.33%	SD 1.15%	
.....											
#Skin:											
Sarcoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	
.....											
#Skin:											
Schwannoma Malignant											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	2/50	(4%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	3/150	(2%)	Mean 2%	SD 2%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female					
#Skin: Sebaceous Gland:											
Adenoma											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Spinal Cord:											
Astrocytoma Malignant											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Spinal Cord:											
Schwannoma Malignant											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
*Spleen:											
Hemangiosarcoma											
		1/50	(2%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	2/150	(1.33%)	Mean 1.33%	SD 1.15%	Total	2/150	(1.33%)	Mean 1.33%	SD 1.15%	
.....											
#Stomach, Forestomach:											
Mast Cell Tumor Malignant											
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Stomach, Forestomach:											
Papilloma											
		1/50	(2%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female			
#Stomach, Forestomach:									
Squamous Cell Carcinoma or Papilloma Squamous									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
.....									
#Stomach, Forestomach:									
Squamous Cell Papilloma									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
.....									
#Stomach, Glandular:									
Adenoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Stomach, Glandular:									
Carcinoma or Adenoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
*Testis:									
Adenoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%					
.....									
*Testis:									
Hemangioma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%					

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female		
*Thymus:							
Hemangioma							
		0/48 (0%)	0/46 (0%)	0/48 (0%)	1/47 (2%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/142 (0%)	Mean 0%	SD 0%	Total 1/146 (0.68%)	Mean 0.71%	SD 1.23%
.....							
*Thymus:							
Hemangiosarcoma							
		0/48 (0%)	0/46 (0%)	0/48 (0%)	0/47 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/142 (0%)	Mean 0%	SD 0%	Total 0/146 (0%)	Mean 0%	SD 0%
.....							
*Thymus:							
Thymoma Benign							
		0/48 (0%)	0/46 (0%)	0/48 (0%)	0/47 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/142 (0%)	Mean 0%	SD 0%	Total 0/146 (0%)	Mean 0%	SD 0%
.....							
*Thyroid Gland: C-Cell:							
Carcinoma							
		0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total 0/150 (0%)	Mean 0%	SD 0%
.....							
*Thyroid Gland: C-Cell:							
Carcinoma or Adenoma							
		0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total 0/150 (0%)	Mean 0%	SD 0%
.....							
*Thyroid Gland: Follicular Cell:							
Adenoma							
		0/49 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total 2/150 (1.33%)	Mean 1.33%	SD 2.31%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female			
*Thyroid Gland: Follicular Cell: Carcinoma									
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma									
		0/49 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%	
.....									
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Tongue: Squamous Cell Papilloma									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Tooth: Odontoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
*Urinary Bladder: Mast Cell Tumor									
		0/50 (0%)	0/48 (0%)	0/50 (0%)		0/49 (0%)	0/45 (0%)	0/50 (0%)	
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%	Total	0/144 (0%)	Mean 0%	SD 0%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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	Male		Female
*Uterus:			
Adenocarcinoma or Adenoma			
		0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0% SD 0%
.....			
*Uterus:			
Adenoma			
		0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0% SD 0%
.....			
*Uterus:			
Fibroma			
		0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0% SD 0%
.....			
*Uterus:			
Granular Cell Tumor Benign			
		0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0% SD 0%
.....			
*Uterus:			
Hemangioma			
		1/50 (2%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67% SD 1.15%
.....			
*Uterus:			
Hemangiosarcoma			
		0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67% SD 1.15%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: INHALATION
 Vehicle: AIR

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	Male	Female
*Uterus:		
Leiomyoma		
	0/50 (0%)	0/50 (0%)
Overall Incidence	Total 0/150 (0%)	Mean 0% SD 0%
.....		
*Uterus:		
Leiomyosarcoma or Leiomyoma		
	0/50 (0%)	0/50 (0%)
Overall Incidence	Total 0/150 (0%)	Mean 0% SD 0%
.....		
*Uterus:		
Polyp Stromal		
	6/50 (12%)	0/50 (0%)
Overall Incidence	Total 6/150 (4%)	Mean 4% SD 6.93%
.....		
*Uterus:		
Sarcoma		
	0/50 (0%)	0/50 (0%)
Overall Incidence	Total 0/150 (0%)	Mean 0% SD 0%
.....		
*Uterus:		
Sarcoma Stromal or Polyp Stromal		
	6/50 (12%)	0/50 (0%)
Overall Incidence	Total 6/150 (4%)	Mean 4% SD 6.93%
.....		
#Vagina:		
Hemangioma		
	0/50 (0%)	0/49 (0%)
Overall Incidence	Total 0/149 (0%)	Mean 0% SD 0%
.....		

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: WATER

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 Report Date: 11/07/2024

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							
Battelle Columbus Laboratory	050303804	01/17/12	730	50(1)	26(683)	54.6	Sodium Tungstate Dihydrate
Battelle Columbus Laboratory	051105402	05/19/15	730	50(1)	34(701)	56.1	Sulfolane
Female							
Battelle Columbus Laboratory	050303804	01/16/12	729	50(4)	38(700)	61.6	Sodium Tungstate Dihydrate
Battelle Columbus Laboratory	051105402	05/18/15	728	50(4)	35(702)	61.8	Sulfolane

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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 Report Date: 11/07/2024

		Male				Female			
#All Organs:									
Benign Tumors									
		31/50 (62%)	32/50 (64%)		20/50 (40%)	25/50 (50%)			
Overall Incidence	Total	63/100 (63%)	Mean 63%	SD 1.41%	Total	45/100 (45%)	Mean 45%	SD 7.07%	
.....									
#All Organs:									
Malignant Tumors									
		30/50 (60%)	22/50 (44%)		15/50 (30%)	18/50 (36%)			
Overall Incidence	Total	52/100 (52%)	Mean 52%	SD 11.31%	Total	33/100 (33%)	Mean 33%	SD 4.24%	
.....									
#All Organs:									
Malignant and Benign Tumors									
		42/50 (84%)	41/50 (82%)		32/50 (64%)	34/50 (68%)			
Overall Incidence	Total	83/100 (83%)	Mean 83%	SD 1.41%	Total	66/100 (66%)	Mean 66%	SD 2.83%	
.....									
#All Organs:									
Hemangioma									
		1/50 (2%)	2/50 (4%)		0/50 (0%)	3/50 (6%)			
Overall Incidence	Total	3/100 (3%)	Mean 3%	SD 1.41%	Total	3/100 (3%)	Mean 3%	SD 4.24%	
.....									
#All Organs:									
Hemangiosarcoma									
		5/50 (10%)	3/50 (6%)		1/50 (2%)	1/50 (2%)			
Overall Incidence	Total	8/100 (8%)	Mean 8%	SD 2.83%	Total	2/100 (2%)	Mean 2%	SD 0%	
.....									
#All Organs:									
Hemangiosarcoma or Hemangioma									
		6/50 (12%)	4/50 (8%)		1/50 (2%)	4/50 (8%)			
Overall Incidence	Total	10/100 (10%)	Mean 10%	SD 2.83%	Total	5/100 (5%)	Mean 5%	SD 4.24%	
.....									

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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 Report Date: 11/07/2024

		Male				Female					
#All Organs:											
Histiocytic Sarcoma											
		1/50	(2%)	0/50	(0%)			2/50	(4%)	2/50	(4%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	4/100	(4%)	Mean 4%	SD 0%	
.....											
#All Organs:											
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated											
		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:											
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, Large Granular, or Undifferentiated Cell Type											
		5/50	(10%)	2/50	(4%)			4/50	(8%)	5/50	(10%)
Overall Incidence	Total	7/100	(7%)	Mean 7%	SD 4.24%	Total	9/100	(9%)	Mean 9%	SD 1.41%	
.....											
#All Organs:											
Malignant Schwannoma											
		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%	
.....											
#All Organs:											
Mast Cell Tumor											
		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%	
.....											
*Adrenal Cortex:											
Adenoma											
		1/50	(2%)	0/47	(0%)			0/50	(0%)	0/48	(0%)
Overall Incidence	Total	1/97	(1.03%)	Mean 1%	SD 1.41%	Total	0/98	(0%)	Mean 0%	SD 0%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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 Report Date: 11/07/2024

		Male				Female					
*Adrenal Cortex:											
 Carcinoma or Adenoma											
		1/50	(2%)	0/47	(0%)			0/50	(0%)	0/48	(0%)
Overall Incidence	Total	1/97	(1.03%)	Mean 1%	SD 1.41%	Total	0/98	(0%)	Mean 0%	SD 0%	
.....											
*Adrenal Medulla:											
 Pheochromocytoma Benign											
		0/49	(0%)	0/47	(0%)			0/50	(0%)	0/48	(0%)
Overall Incidence	Total	0/96	(0%)	Mean 0%	SD 0%	Total	0/98	(0%)	Mean 0%	SD 0%	
.....											
*Adrenal Medulla:											
 Pheochromocytoma Malignant											
		0/49	(0%)	0/47	(0%)			0/50	(0%)	0/48	(0%)
Overall Incidence	Total	0/96	(0%)	Mean 0%	SD 0%	Total	0/98	(0%)	Mean 0%	SD 0%	
.....											
*Adrenal Medulla:											
 Pheochromocytoma: Benign, Complex, Malignant, NOS											
		0/49	(0%)	0/47	(0%)			0/50	(0%)	0/48	(0%)
Overall Incidence	Total	0/96	(0%)	Mean 0%	SD 0%	Total	0/98	(0%)	Mean 0%	SD 0%	
.....											
#Bone:											
 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%	
.....											
#Bone:											
 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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female					
#Bone:											
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%	
.....											
#Bone:											
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%	
.....											
#Bone:											
Osteosarcoma											
		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:											
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%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Bone Marrow:											
Hemangiosarcoma											
		2/50	(4%)	0/50	(0%)			0/48	(0%)	1/50	(2%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 2.83%	Total	1/98	(1.02%)	Mean 1%	SD 1.41%	
.....											
*Bone Marrow:											
Mast Cell Tumor Malignant											
		1/50	(2%)	0/50	(0%)			0/48	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/98	(0%)	Mean 0%	SD 0%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
*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%
.....									
*Clitoral/Preputial Gland:									
 Malignant Fibrous Histiocytoma									
		0/49	(0%)	0/50	(0%)	0/49	(0%)	0/43	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	0/92	(0%)	Mean 0%	SD 0%
.....									
*Clitoral/Preputial Gland:									
 Mast Cell Tumor									
		0/49	(0%)	0/50	(0%)	0/49	(0%)	0/43	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	0/92	(0%)	Mean 0%	SD 0%
.....									
*Epididymis:									
 Mast Cell Tumor									
		0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
#Harderian Gland:									
 Adenocarcinoma									
		1/50	(2%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female					
#Harderian Gland:											
Adenoma											
		2/50	(4%)	5/50	(10%)			1/50	(2%)	1/50	(2%)
Overall Incidence	Total	7/100	(7%)	Mean 7%	SD 4.24%	Total	2/100	(2%)	Mean 2%	SD 0%	
.....											
#Harderian Gland:											
Adenoma or Adenocarcinoma											
		3/50	(6%)	6/50	(12%)			1/50	(2%)	1/50	(2%)
Overall Incidence	Total	9/100	(9%)	Mean 9%	SD 4.24%	Total	2/100	(2%)	Mean 2%	SD 0%	
.....											
#Harderian Gland:											
Mast 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%	
.....											
#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 Small: Any Site:											
Adenocarcinoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	2/50	(4%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	2/100	(2%)	Mean 2%	SD 2.83%	
.....											
#Intestine Small: Any Site:											
Adenoma											
		0/50	(0%)	3/50	(6%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	3/100	(3%)	Mean 3%	SD 4.24%	Total	0/100	(0%)	Mean 0%	SD 0%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
#Intestine Small: Any Site:									
Adenoma or Adenocarcinoma									
Overall Incidence	Total	0/50 (0%)	3/50 (6%)	Mean 3%	SD 4.24%	0/50 (0%)	2/50 (4%)	Mean 2%	SD 2.83%
		3/100 (3%)				2/100 (2%)			
.....									
#Intestine Small: Duodenum:									
Adenocarcinoma									
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)				0/100 (0%)			
.....									
#Intestine Small: Duodenum:									
Adenoma									
Overall Incidence	Total	0/50 (0%)	1/50 (2%)	Mean 1%	SD 1.41%	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		1/100 (1%)				0/100 (0%)			
.....									
#Intestine Small: Ileum:									
Adenoma									
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)				0/100 (0%)			
.....									
#Intestine Small: Jejunum:									
Adenocarcinoma									
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	0/50 (0%)	2/50 (4%)	Mean 2%	SD 2.83%
		0/100 (0%)				2/100 (2%)			
.....									
#Intestine Small: Jejunum:									
Adenoma									
Overall Incidence	Total	0/50 (0%)	2/50 (4%)	Mean 2%	SD 2.83%	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		2/100 (2%)				0/100 (0%)			

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
#Intestine Small: Jejunum:									
Mast 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%	
.....									
*Islets, Pancreatic:									
Adenoma									
		1/47 (2%)	0/50 (0%)		0/48 (0%)	0/50 (0%)			
Overall Incidence	Total	1/97 (1.03%)	Mean 1.06%	SD 1.5%	Total	0/98 (0%)	Mean 0%	SD 0%	
.....									
*Islets, Pancreatic:									
Carcinoma									
		0/47 (0%)	0/50 (0%)		0/48 (0%)	0/50 (0%)			
Overall Incidence	Total	0/97 (0%)	Mean 0%	SD 0%	Total	0/98 (0%)	Mean 0%	SD 0%	
.....									
*Islets, Pancreatic:									
Carcinoma or Adenoma									
		1/47 (2%)	0/50 (0%)		0/48 (0%)	0/50 (0%)			
Overall Incidence	Total	1/97 (1.03%)	Mean 1.06%	SD 1.5%	Total	0/98 (0%)	Mean 0%	SD 0%	
.....									
*Kidney: Renal Tubule:									
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%	
.....									
*Kidney: Renal Tubule:									
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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female					
*Kidney: Renal Tubule: 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%	
.....											
*Kidney: Renal Tubule: Mast 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%	
.....											
*Kidney: Renal Tubule: Renal Mesenchymal 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%	
.....											
*Liver: Cholangiocarcinoma											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	1/50	(2%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
*Liver: Hemangioma											
		1/50	(2%)	2/50	(4%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	3/100	(3%)	Mean 3%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Liver: Hemangiosarcoma											
		2/50	(4%)	3/50	(6%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	5/100	(5%)	Mean 5%	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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
*Liver:									
Hepatoblastoma									
		4/50 (8%)	7/50 (14%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	11/100 (11%)	Mean 11%	SD 4.24%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Liver:									
Hepatocellular Adenoma									
		26/50 (52%)	22/50 (44%)			11/50 (22%)	10/50 (20%)		
Overall Incidence	Total	48/100 (48%)	Mean 48%	SD 5.66%	Total	21/100 (21%)	Mean 21%	SD 1.41%	
.....									
*Liver:									
Hepatocellular Carcinoma									
		15/50 (30%)	11/50 (22%)			2/50 (4%)	2/50 (4%)		
Overall Incidence	Total	26/100 (26%)	Mean 26%	SD 5.66%	Total	4/100 (4%)	Mean 4%	SD 0%	
.....									
*Liver:									
Hepatocellular Carcinoma or Hepatoblastoma									
		17/50 (34%)	18/50 (36%)			2/50 (4%)	2/50 (4%)		
Overall Incidence	Total	35/100 (35%)	Mean 35%	SD 1.41%	Total	4/100 (4%)	Mean 4%	SD 0%	
.....									
*Liver:									
Hepatocellular Carcinoma or Hepatocellular Adenoma									
		33/50 (66%)	30/50 (60%)			13/50 (26%)	11/50 (22%)		
Overall Incidence	Total	63/100 (63%)	Mean 63%	SD 4.24%	Total	24/100 (24%)	Mean 24%	SD 2.83%	
.....									
*Liver:									
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma									
		34/50 (68%)	36/50 (72%)			13/50 (26%)	11/50 (22%)		
Overall Incidence	Total	70/100 (70%)	Mean 70%	SD 2.83%	Total	24/100 (24%)	Mean 24%	SD 2.83%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female					
*Liver:											
Hepatocolangiocarcinoma											
		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%	
.....											
*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											
		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											
		5/50	(10%)	9/50	(18%)			2/50	(4%)	0/50	(0%)
Overall Incidence	Total	14/100	(14%)	Mean 14%	SD 5.66%	Total	2/100	(2%)	Mean 2%	SD 2.83%	
.....											
*Lung:											
Alveolar/Bronchiolar Carcinoma											
		2/50	(4%)	1/50	(2%)			2/50	(4%)	2/50	(4%)
Overall Incidence	Total	3/100	(3%)	Mean 3%	SD 1.41%	Total	4/100	(4%)	Mean 4%	SD 0%	
.....											
*Lung:											
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma											
		7/50	(14%)	10/50	(20%)			4/50	(8%)	2/50	(4%)
Overall Incidence	Total	17/100	(17%)	Mean 17%	SD 4.24%	Total	6/100	(6%)	Mean 6%	SD 2.83%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
*Lung:									
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%
.....									
*Lung:									
Mast Cell 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%
.....									
#Lymph Node:									
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:									
Mast Cell 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%
.....									
#Lymph Node, Axillary:									
Hemangioma									
		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%
.....									
#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%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: WATER

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		Male				Female			
#Lymph Node, Mandibular: Mast 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%
.....									
#Lymph Node, Mandibular: Mast Cell Tumor Malignant									
		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%
.....									
#Lymph Node, Mesenteric: 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%
.....									
#Lymph Node, Mesenteric: Mast 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%
.....									
#Lymph Node, Mesenteric: Mast Cell Tumor Malignant									
		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%
.....									
#Mammary Gland: Adenocarcinoma									
		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%

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 #: Denominator is number of animals necropsied

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
#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%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Mammary Gland:									
Adenoma or Adenocarcinoma									
		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%
.....									
#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, Adenocarcinoma, or Adenoma									
		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%
.....									
#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									
		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%
.....									

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
#Mesentery:									
Lipoma									
		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%
.....									
#Mesentery:									
Malignant Fibrous Histiocytoma									
		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%)	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%
.....									
*Nose:									
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%
.....									
*Nose:									
Polyp									
		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%
.....									
#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%	Total	0/100	(0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
#Oral Mucosa, Tongue, Pharynx, or Gingiva:									
Papilloma Squamous or Papilloma									
		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%	
.....									
#Oral Mucosa, Tongue, Pharynx, or 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%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Oral Mucosa, Tongue, Pharynx, or Gingiva:									
Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma									
		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%	
.....									
*Ovary:									
Adenocarcinoma, Cystadenoma, or Cystadenocarcinoma									
					3/49 (6%)	3/48 (6%)			
Overall Incidence	Total				6/97 (6.19%)	Mean 6.19%	SD 0.09%		
.....									
*Ovary:									
Adenoma									
					0/49 (0%)	0/48 (0%)			
Overall Incidence	Total				0/97 (0%)	Mean 0%	SD 0%		
.....									
*Ovary:									
Cystadenoma									
					3/49 (6%)	3/48 (6%)			
Overall Incidence	Total				6/97 (6.19%)	Mean 6.19%	SD 0.09%		

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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	Male			Female		
*Ovary:						
Cystadenoma or Cystadenocarcinoma						
		3/49	(6%)	3/48	(6%)	
Overall Incidence	Total	6/97	(6.19%)	Mean	6.19%	SD 0.09%
.....						
*Ovary:						
Granulosa-Theca Tumor Malignant						
		0/49	(0%)	0/48	(0%)	
Overall Incidence	Total	0/97	(0%)	Mean	0%	SD 0%
.....						
*Ovary:						
Granulosa Cell Tumor Benign						
		0/49	(0%)	0/48	(0%)	
Overall Incidence	Total	0/97	(0%)	Mean	0%	SD 0%
.....						
*Ovary:						
Granulosa Cell Tumor, Luteoma, Thecoma, or Sertoli Cell Tumor (Benign, Malignant, NOS)						
		1/49	(2%)	1/48	(2%)	
Overall Incidence	Total	2/97	(2.06%)	Mean	2.06%	SD 0.03%
.....						
*Ovary:						
Granulosa Cell Tumor: Benign, Malignant, NOS						
		0/49	(0%)	0/48	(0%)	
Overall Incidence	Total	0/97	(0%)	Mean	0%	SD 0%
.....						
*Ovary:						
Hemangioma						
		0/49	(0%)	2/48	(4%)	
Overall Incidence	Total	2/97	(2.06%)	Mean	2.08%	SD 2.95%
.....						

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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	Male	Female
*Ovary:		
Hemangiosarcoma		
	0/49 (0%)	0/48 (0%)
Overall Incidence	Total 0/97 (0%)	Mean 0% SD 0%
*Ovary:		
Luteoma		
	1/49 (2%)	0/48 (0%)
Overall Incidence	Total 1/97 (1.03%)	Mean 1.02% SD 1.44%
*Ovary:		
Teratoma		
	0/49 (0%)	0/48 (0%)
Overall Incidence	Total 0/97 (0%)	Mean 0% SD 0%
*Ovary:		
Teratoma (Benign or Malignant), Yolk Sac Carcinoma (Malignant), or Choriocarcinoma (Malignant)		
	0/49 (0%)	0/48 (0%)
Overall Incidence	Total 0/97 (0%)	Mean 0% SD 0%
*Ovary:		
Teratoma, Benign or Malignant		
	0/49 (0%)	0/48 (0%)
Overall Incidence	Total 0/97 (0%)	Mean 0% SD 0%
*Ovary:		
Thecoma Benign		
	0/49 (0%)	1/48 (2%)
Overall Incidence	Total 1/97 (1.03%)	Mean 1.04% SD 1.47%

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 #: Denominator is number of animals necropsied

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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Male					Female									
*Ovary:														
Thecoma Malignant														
					0/49	(0%)	0/48	(0%)						
Overall Incidence					Total	0/97	(0%)	Mean	0%	SD	0%			
.....														
*Ovary:														
Tubulostromal Adenoma														
					0/49	(0%)	0/48	(0%)						
Overall Incidence					Total	0/97	(0%)	Mean	0%	SD	0%			
.....														
*Ovary:														
Tubulostromal Carcinoma														
					0/49	(0%)	1/48	(2%)						
Overall Incidence					Total	1/97	(1.03%)	Mean	1.04%	SD	1.47%			
.....														
*Pancreas:														
Malignant Fibrous Histiocytoma														
		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%
.....														
*Pancreas:														
Mast 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%
.....														
*Parathyroid Gland:														
Carcinoma														
		0/44	(0%)	0/38	(0%)			0/45	(0%)	0/35	(0%)			
Overall Incidence	Total	0/82	(0%)	Mean	0%	SD	0%	Total	0/80	(0%)	Mean	0%	SD	0%
.....														

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Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
*Pituitary Gland: Pars Distalis or Unspecified Site:									
Adenoma									
		0/48	(0%)	0/43	(0%)	2/50	(4%)	7/46	(15%)
Overall Incidence	Total	0/91	(0%)	Mean 0%	SD 0%	Total	9/96 (9.38%)	Mean 9.61%	SD 7.93%
.....									
*Pituitary Gland: Pars Distalis or Unspecified Site:									
Carcinoma or Adenoma									
		0/48	(0%)	0/43	(0%)	2/50	(4%)	7/46	(15%)
Overall Incidence	Total	0/91	(0%)	Mean 0%	SD 0%	Total	9/96 (9.38%)	Mean 9.61%	SD 7.93%
.....									
*Pituitary Gland: Pars Intermedia:									
Adenoma									
		0/48	(0%)	0/43	(0%)	0/50	(0%)	1/46	(2%)
Overall Incidence	Total	0/91	(0%)	Mean 0%	SD 0%	Total	1/96 (1.04%)	Mean 1.09%	SD 1.54%
.....									
*Pituitary Gland: Pars Intermedia:									
Carcinoma or Adenoma									
		0/48	(0%)	0/43	(0%)	0/50	(0%)	1/46	(2%)
Overall Incidence	Total	0/91	(0%)	Mean 0%	SD 0%	Total	1/96 (1.04%)	Mean 1.09%	SD 1.54%
.....									
*Pituitary Gland: Pars Intermedia:									
Schwannoma Malignant									
		0/48	(0%)	0/43	(0%)	0/50	(0%)	0/46	(0%)
Overall Incidence	Total	0/91	(0%)	Mean 0%	SD 0%	Total	0/96 (0%)	Mean 0%	SD 0%
.....									
*Prostate:									
Hemangiosarcoma									
		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
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Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
*Prostate:									
Mast Cell Tumor									
		0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
*Salivary Glands:									
Adenocarcinoma									
		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:									
Adenoma or Adenocarcinoma									
		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:									
Mast 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%
.....									
#Seminal Vesicle:									
Fibroma									
		0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
#Skeletal Muscle:									
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%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
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		Male				Female					
#Skeletal Muscle:											
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%	
.....											
#Skeletal Muscle:											
Osteosarcoma											
		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%	
.....											
#Skeletal Muscle:											
Rhabdomyosarcoma											
		0/50	(0%)	2/50	(4%)			0/50	(0%)	1/50	(2%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 2.83%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Skeletal Muscle:											
Rhabdomyosarcoma or Rhabdomyoma											
		0/50	(0%)	2/50	(4%)			0/50	(0%)	1/50	(2%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 2.83%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Skeletal Muscle:											
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%	
.....											
#Skin:											
Basal Cell 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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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	Male				Female					
#Skin:										
Basal or Squamous Cell Carcinoma, Basosquamous Tumor (Malignant or Benign), Basal Cell Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, Adenoma, Sebaceous Gland Adenoma, or Sebaceous Gland Adenocarcinoma										
Overall Incidence	Total	0/50 (0%)	1/50 (2%)	Mean 1%	SD 1.41%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		1/100 (1%)					0/100 (0%)			
#Skin:										
Basosquamous Tumor (Benign), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, or Sebaceous Gland Adenoma										
Overall Incidence	Total	0/50 (0%)	1/50 (2%)	Mean 1%	SD 1.41%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		1/100 (1%)					0/100 (0%)			
#Skin:										
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%)			
#Skin:										
Fibroma or Myxoma										
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%)			
#Skin:										
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Pleomorphic Fibrosarcoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	3/50 (6%)	Mean 4%	SD 2.83%
		0/100 (0%)					4/100 (4%)			
#Skin:										
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, Pleomorphic Fibrosarcoma, or Hemangiopericytoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	3/50 (6%)	Mean 4%	SD 2.83%
		0/100 (0%)					4/100 (4%)			

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#: Denominator is number of animals necropsied

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
#Skin:									
Fibrosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	3/50	(6%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	3/100	(3%)	Mean 3%
									SD 4.24%
.....									
#Skin:									
Fibrosarcoma, Sarcoma, Myxosarcoma, or Pleomorphic Fibrosarcoma									
		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%
.....									
#Skin:									
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%
.....									
#Skin:									
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%
.....									
#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%)	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%

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 #: Denominator is number of animals necropsied

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
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		Male				Female			
#Skin:									
Melanoma									
		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:									
Osteosarcoma									
		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:									
Pilomatrixoma									
		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:									
Pleomorphic Fibrosarcoma									
		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:									
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 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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
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		Male				Female					
#Skin: Sebaceous Gland:											
Adenoma											
		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%	
.....											
#Spinal Cord:											
Astrocytoma 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%	
.....											
#Spinal Cord:											
Schwannoma Malignant											
		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%	
.....											
*Spleen:											
Hemangiosarcoma											
		4/49	(8%)	0/49	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	4/98	(4.08%)	Mean 4.08%	SD 5.77%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Stomach, Forestomach:											
Mast Cell Tumor Malignant											
		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:											
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%	

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 #: Denominator is number of animals necropsied

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
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		Male				Female			
#Stomach, Forestomach:									
Squamous Cell Carcinoma or Papilloma Squamous									
		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%
.....									
#Stomach, Forestomach:									
Squamous Cell Papilloma									
		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%
.....									
#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%	Total	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%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
*Testis:									
Adenoma									
		0/50	(0%)	1/50	(2%)				
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%				
.....									
*Testis:									
Hemangioma									
		0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									

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 #: Denominator is number of animals necropsied

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
*Thymus:									
Hemangioma									
		0/45	(0%)	0/46	(0%)	0/49	(0%)	0/47	(0%)
Overall Incidence	Total	0/91	(0%)	Mean 0%	SD 0%	Total	0/96	(0%)	Mean 0%
									SD 0%
*Thymus:									
Hemangiosarcoma									
		0/45	(0%)	1/46	(2%)	0/49	(0%)	0/47	(0%)
Overall Incidence	Total	1/91	(1.1%)	Mean 1.09%	SD 1.54%	Total	0/96	(0%)	Mean 0%
									SD 0%
*Thymus:									
Thymoma Benign									
		0/45	(0%)	0/46	(0%)	0/49	(0%)	1/47	(2%)
Overall Incidence	Total	0/91	(0%)	Mean 0%	SD 0%	Total	1/96	(1.04%)	Mean 1.06%
									SD 1.5%
*Thyroid Gland: C-Cell:									
Carcinoma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/48	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/97	(0%)	Mean 0%
									SD 0%
*Thyroid Gland: C-Cell:									
Carcinoma or Adenoma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/48	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/97	(0%)	Mean 0%
									SD 0%
*Thyroid Gland: Follicular Cell:									
Adenoma									
		0/50	(0%)	0/50	(0%)	1/49	(2%)	1/49	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	2/98	(2.04%)	Mean 2.04%
									SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
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		Male				Female			
*Thyroid Gland: Follicular Cell: Carcinoma									
		0/50 (0%)	0/50 (0%)		0/49 (0%)	0/49 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/98 (0%)	Mean 0%	SD 0%	
.....									
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma									
		0/50 (0%)	0/50 (0%)		1/49 (2%)	1/49 (2%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	2/98 (2.04%)	Mean 2.04%	SD 0%	
.....									
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous									
		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%	
.....									
#Tongue: Squamous Cell Papilloma									
		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%	
.....									
#Tooth: Odontoma									
		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%	
.....									
*Urinary Bladder: Mast Cell Tumor									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)			
Overall Incidence	Total	0/100 (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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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 Report Date: 11/07/2024

	Male			Female		
*Uterus:						
Adenocarcinoma or Adenoma						
		0/50	(0%)	1/50	(2%)	
Overall Incidence	Total	1/100	(1%)	Mean 1%		SD 1.41%
.....						
*Uterus:						
Adenoma						
		0/50	(0%)	1/50	(2%)	
Overall Incidence	Total	1/100	(1%)	Mean 1%		SD 1.41%
.....						
*Uterus:						
Fibroma						
		0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/100	(0%)	Mean 0%		SD 0%
.....						
*Uterus:						
Granular Cell Tumor Benign						
		0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/100	(0%)	Mean 0%		SD 0%
.....						
*Uterus:						
Hemangioma						
		0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/100	(0%)	Mean 0%		SD 0%
.....						
*Uterus:						
Hemangiosarcoma						
		1/50	(2%)	0/50	(0%)	
Overall Incidence	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: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: WATER

Page: 100
 Report Date: 11/07/2024

	Male			Female	
*Uterus:					
Leiomyoma					
			0/50 (0%)	0/50 (0%)	
Overall Incidence		Total	0/100 (0%)	Mean 0%	SD 0%
.....					
*Uterus:					
Leiomyosarcoma or Leiomyoma					
			0/50 (0%)	0/50 (0%)	
Overall Incidence		Total	0/100 (0%)	Mean 0%	SD 0%
.....					
*Uterus:					
Polyp Stromal					
			0/50 (0%)	0/50 (0%)	
Overall Incidence		Total	0/100 (0%)	Mean 0%	SD 0%
.....					
*Uterus:					
Sarcoma					
			0/50 (0%)	0/50 (0%)	
Overall Incidence		Total	0/100 (0%)	Mean 0%	SD 0%
.....					
*Uterus:					
Sarcoma Stromal or Polyp Stromal					
			0/50 (0%)	0/50 (0%)	
Overall Incidence		Total	0/100 (0%)	Mean 0%	SD 0%
.....					
#Vagina:					
Hemangioma					
			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: Nov2024
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

Page: 101
Report Date: 11/07/2024

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							
Battelle Columbus Laboratory	052071204	10/25/11	731	50(1)	39(701)	50.0	Tris(Chloropropyl)phosphate
Female							
Battelle Columbus Laboratory	052071204	10/24/11	729	50(4)	46(726)	51.9	Tris(Chloropropyl)phosphate

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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 Report Date: 11/07/2024

		Male			Female		
#All Organs:							
Benign Tumors							
		25/50 (50%)			21/50 (42%)		
Overall Incidence	Total	25/50 (50%)	Mean 50%	SD 0%	Total	21/50 (42%)	Mean 42% SD 0%
.....							
#All Organs:							
Malignant Tumors							
		20/50 (40%)			12/50 (24%)		
Overall Incidence	Total	20/50 (40%)	Mean 40%	SD 0%	Total	12/50 (24%)	Mean 24% SD 0%
.....							
#All Organs:							
Malignant and Benign Tumors							
		34/50 (68%)			27/50 (54%)		
Overall Incidence	Total	34/50 (68%)	Mean 68%	SD 0%	Total	27/50 (54%)	Mean 54% SD 0%
.....							
#All Organs:							
Hemangioma							
		1/50 (2%)			0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#All Organs:							
Hemangiosarcoma							
		2/50 (4%)			1/50 (2%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	1/50 (2%)	Mean 2% SD 0%
.....							
#All Organs:							
Hemangiosarcoma or Hemangioma							
		3/50 (6%)			1/50 (2%)		
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	1/50 (2%)	Mean 2% SD 0%
.....							

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

Page: 103
 Report Date: 11/07/2024

		Male			Female		
#All Organs:							
Histiocytic Sarcoma							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#All Organs:							
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#All Organs:							
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, Large Granular, or Undifferentiated Cell Type							
		5/50 (10%)			8/50 (16%)		
Overall Incidence	Total	5/50 (10%)	Mean 10%	SD 0%	Total	8/50 (16%)	Mean 16% SD 0%
.....							
#All Organs:							
Malignant Schwannoma							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#All Organs:							
Mast Cell Tumor							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
*Adrenal Cortex:							
Adenoma							
		1/50 (2%)			0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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 Report Date: 11/07/2024

	Male				Female			
*Adrenal Cortex:								
Carcinoma or Adenoma								
		1/50 (2%)			0/50 (0%)			
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....								
*Adrenal Medulla:								
Pheochromocytoma Benign								
		0/50 (0%)			1/50 (2%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
.....								
*Adrenal Medulla:								
Pheochromocytoma Malignant								
		0/50 (0%)			0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....								
*Adrenal Medulla:								
Pheochromocytoma: Benign, Complex, Malignant, NOS								
		0/50 (0%)			1/50 (2%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
.....								
#Bone:								
Fibrosarcoma								
		0/50 (0%)			0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....								
#Bone:								
Hemangioma								
		0/50 (0%)			0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....								

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

Page: 105
 Report Date: 11/07/2024

	Male				Female			
#Bone:								
Hemangiosarcoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
#Bone:								
Osteoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
#Bone:								
Osteosarcoma								
		0/50	(0%)			1/50	(2%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)
.....								
#Bone:								
Osteosarcoma or Osteoma								
		0/50	(0%)			1/50	(2%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)
.....								
*Bone Marrow:								
Hemangiosarcoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
*Bone Marrow:								
Mast Cell Tumor Malignant								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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 Report Date: 11/07/2024

		Male			Female		
*Brain:							
Meningioma Malignant							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
						Mean 0%	SD 0%
*Brain:							
Meningioma: Benign, Malignant, NOS							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
						Mean 0%	SD 0%
*Clitoral/Preputial Gland:							
Malignant Fibrous Histiocytoma							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
						Mean 0%	SD 0%
*Clitoral/Preputial Gland:							
Mast Cell Tumor							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
						Mean 0%	SD 0%
*Epididymis:							
Mast Cell Tumor							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
						Mean 0%	SD 0%
#Harderian Gland:							
Adenocarcinoma							
		2/50	(4%)		2/50	(4%)	
Overall Incidence	Total	2/50	(4%)	Mean 4%	SD 0%	Total	2/50 (4%)
						Mean 4%	SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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 Report Date: 11/07/2024

	Male				Female			
#Harderian Gland:								
Adenoma								
		0/50	(0%)			4/50	(8%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	4/50 (8%)	Mean 8%
								SD 0%
.....								
#Harderian Gland:								
Adenoma or Adenocarcinoma								
		2/50	(4%)			6/50	(12%)	
Overall Incidence	Total	2/50	(4%)	Mean 4%	SD 0%	Total	6/50 (12%)	Mean 12%
								SD 0%
.....								
#Harderian Gland:								
Mast Cell Tumor								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%
								SD 0%
.....								
#Intestine Large: Cecum:								
Leiomyoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%
								SD 0%
.....								
#Intestine Small: Any Site:								
Adenocarcinoma								
		2/50	(4%)			0/50	(0%)	
Overall Incidence	Total	2/50	(4%)	Mean 4%	SD 0%	Total	0/50 (0%)	Mean 0%
								SD 0%
.....								
#Intestine Small: Any Site:								
Adenoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%
								SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

Page: 108
 Report Date: 11/07/2024

		Male			Female		
#Intestine Small: Any Site:							
Adenoma or Adenocarcinoma							
		2/50 (4%)			0/50 (0%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Duodenum:							
Adenocarcinoma							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Duodenum:							
Adenoma							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Ileum:							
Adenoma							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Jejunum:							
Adenocarcinoma							
		2/50 (4%)			0/50 (0%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Jejunum:							
Adenoma							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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 Report Date: 11/07/2024

		Male			Female		
#Intestine Small: Jejunum:							
Mast Cell Tumor							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
*Islets, Pancreatic:							
Adenoma							
		1/50 (2%)			0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
*Islets, Pancreatic:							
Carcinoma							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
*Islets, Pancreatic:							
Carcinoma or Adenoma							
		1/50 (2%)			0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
*Kidney: Renal Tubule:							
Adenoma							
		1/49 (2%)			0/50 (0%)		
Overall Incidence	Total	1/49 (2.04%)	Mean 2.04%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
*Kidney: Renal Tubule:							
Carcinoma or Adenoma							
		1/49 (2%)			0/50 (0%)		
Overall Incidence	Total	1/49 (2.04%)	Mean 2.04%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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		Male				Female			
*Kidney: Renal Tubule: Hemangiosarcoma									
		0/49	(0%)			0/50	(0%)		
Overall Incidence	Total	0/49	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
*Kidney: Renal Tubule: Mast Cell Tumor									
		0/49	(0%)			0/50	(0%)		
Overall Incidence	Total	0/49	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
*Kidney: Renal Tubule: Renal Mesenchymal Tumor									
		0/49	(0%)			0/50	(0%)		
Overall Incidence	Total	0/49	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
*Liver: Cholangiocarcinoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
*Liver: Hemangioma									
		1/50	(2%)			0/50	(0%)		
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
*Liver: Hemangiosarcoma									
		0/50	(0%)			1/50	(2%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)	Mean 2% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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	Male				Female			
*Liver:								
Hepatoblastoma								
		1/50 (2%)				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Hepatocellular Adenoma								
		21/50 (42%)				11/50 (22%)		
Overall Incidence	Total	21/50 (42%)	Mean 42%	SD 0%	Total	11/50 (22%)	Mean 22%	SD 0%
.....								
*Liver:								
Hepatocellular Carcinoma								
		5/50 (10%)				1/50 (2%)		
Overall Incidence	Total	5/50 (10%)	Mean 10%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
.....								
*Liver:								
Hepatocellular Carcinoma or Hepatoblastoma								
		6/50 (12%)				1/50 (2%)		
Overall Incidence	Total	6/50 (12%)	Mean 12%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
.....								
*Liver:								
Hepatocellular Carcinoma or Hepatocellular Adenoma								
		23/50 (46%)				12/50 (24%)		
Overall Incidence	Total	23/50 (46%)	Mean 46%	SD 0%	Total	12/50 (24%)	Mean 24%	SD 0%
.....								
*Liver:								
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma								
		24/50 (48%)				12/50 (24%)		
Overall Incidence	Total	24/50 (48%)	Mean 48%	SD 0%	Total	12/50 (24%)	Mean 24%	SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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		Male			Female		
*Liver:							
Hepatocolangiocarcinoma							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
.....							
*Liver:							
Ito Cell Tumor Benign							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
.....							
*Liver:							
Mast Cell Tumor							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
.....							
*Lung:							
Alveolar/Bronchiolar Adenoma							
		8/50	(16%)			3/50	(6%)
Overall Incidence	Total	8/50	(16%)	Mean 16%	SD 0%	Total	3/50 (6%)
.....							
*Lung:							
Alveolar/Bronchiolar Carcinoma							
		1/50	(2%)			1/50	(2%)
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	1/50 (2%)
.....							
*Lung:							
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma							
		9/50	(18%)			4/50	(8%)
Overall Incidence	Total	9/50	(18%)	Mean 18%	SD 0%	Total	4/50 (8%)
.....							

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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		Male			Female		
*Lung:							
Hemangiosarcoma							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
							Mean 0%
							SD 0%
.....							
*Lung:							
Mast Cell Tumor							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
							Mean 0%
							SD 0%
.....							
#Lymph Node:							
Hemangiosarcoma							
		0/50	(0%)		1/50	(2%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50 (2%)
							Mean 2%
							SD 0%
.....							
#Lymph Node:							
Mast Cell Tumor							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
							Mean 0%
							SD 0%
.....							
#Lymph Node, Axillary:							
Hemangioma							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
							Mean 0%
							SD 0%
.....							
#Lymph Node, Mandibular:							
Hemangiosarcoma							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
							Mean 0%
							SD 0%
.....							

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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 Report Date: 11/07/2024

		Male			Female		
#Lymph Node, Mandibular: Mast Cell Tumor							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
.....							
#Lymph Node, Mandibular: Mast Cell Tumor Malignant							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
.....							
#Lymph Node, Mesenteric: Hemangioma							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
.....							
#Lymph Node, Mesenteric: Mast Cell Tumor							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
.....							
#Lymph Node, Mesenteric: Mast Cell Tumor Malignant							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
.....							
#Mammary Gland: Adenocarcinoma							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
.....							

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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	Male				Female				
#Mammary Gland:									
Adenoma									
		0/50	(0%)			2/50	(4%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
.....									
#Mammary Gland:									
Adenoma or Adenocarcinoma									
		0/50	(0%)			2/50	(4%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
.....									
#Mammary Gland:									
Fibroma, Fibroadenoma or Adenoma									
		0/50	(0%)			2/50	(4%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
.....									
#Mammary Gland:									
Fibroma, Fibroadenoma, Adenocarcinoma, or Adenoma									
		0/50	(0%)			2/50	(4%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
.....									
#Mesentery:									
Hemangioma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....									
#Mesentery:									
Hemangiosarcoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....									

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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Male					Female				
#Mesentery:									
Lipoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Mesentery:									
Malignant Fibrous Histiocytoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Mesentery:									
Sarcoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
*Nose:									
Carcinoma									
		0/50	(0%)			1/50	(2%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)	Mean 2% SD 0%
.....									
*Nose:									
Polyp									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Oral Mucosa:									
Squamous Cell Carcinoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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	Male				Female			
#Oral Mucosa, Tongue, Pharynx, or Gingiva:								
Papilloma Squamous or Papilloma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
#Oral Mucosa, Tongue, Pharynx, or Gingiva:								
Squamous Cell Carcinoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
#Oral Mucosa, Tongue, Pharynx, or Gingiva:								
Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
*Ovary:								
Adenocarcinoma, Cystadenoma, or Cystadenocarcinoma								
						0/49	(0%)	
Overall Incidence						Total	0/49	(0%)
.....								
*Ovary:								
Adenoma								
						0/49	(0%)	
Overall Incidence						Total	0/49	(0%)
.....								
*Ovary:								
Cystadenoma								
						0/49	(0%)	
Overall Incidence						Total	0/49	(0%)
.....								

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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	Male		Female	
*Ovary:				
Cystadenoma or Cystadenocarcinoma				
		0/49	(0%)	
Overall Incidence	Total	0/49	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Granulosa-Theca Tumor Malignant				
		0/49	(0%)	
Overall Incidence	Total	0/49	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Granulosa Cell Tumor Benign				
		1/49	(2%)	
Overall Incidence	Total	1/49	(2.04%)	Mean 2.04% SD 0%
.....				
*Ovary:				
Granulosa Cell Tumor, Luteoma, Thecoma, or Sertoli Cell Tumor (Benign, Malignant, NOS)				
		1/49	(2%)	
Overall Incidence	Total	1/49	(2.04%)	Mean 2.04% SD 0%
.....				
*Ovary:				
Granulosa Cell Tumor: Benign, Malignant, NOS				
		1/49	(2%)	
Overall Incidence	Total	1/49	(2.04%)	Mean 2.04% SD 0%
.....				
*Ovary:				
Hemangioma				
		0/49	(0%)	
Overall Incidence	Total	0/49	(0%)	Mean 0% SD 0%
.....				

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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	Male		Female	
*Ovary:				
Hemangiosarcoma				
		0/49	(0%)	
Overall Incidence	Total	0/49	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Luteoma				
		0/49	(0%)	
Overall Incidence	Total	0/49	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Teratoma				
		0/49	(0%)	
Overall Incidence	Total	0/49	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Teratoma (Benign or Malignant), Yolk Sac Carcinoma (Malignant), or Choriocarcinoma (Malignant)				
		0/49	(0%)	
Overall Incidence	Total	0/49	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Teratoma, Benign or Malignant				
		0/49	(0%)	
Overall Incidence	Total	0/49	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Thecoma Benign				
		0/49	(0%)	
Overall Incidence	Total	0/49	(0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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Male					Female			
*Ovary:								
Thecoma Malignant								
					0/49	(0%)		
Overall Incidence					Total	0/49 (0%)	Mean 0%	SD 0%
.....								
*Ovary:								
Tubulostromal Adenoma								
					0/49	(0%)		
Overall Incidence					Total	0/49 (0%)	Mean 0%	SD 0%
.....								
*Ovary:								
Tubulostromal Carcinoma								
					0/49	(0%)		
Overall Incidence					Total	0/49 (0%)	Mean 0%	SD 0%
.....								
*Pancreas:								
Malignant Fibrous Histiocytoma								
		0/50	(0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....								
*Pancreas:								
Mast Cell Tumor								
		0/50	(0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....								
*Parathyroid Gland:								
Carcinoma								
		1/42	(2%)					
Overall Incidence	Total	1/42 (2.38%)	Mean 2.38%	SD 0%	Total	0/43 (0%)	Mean 0%	SD 0%
.....								

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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Male					Female			
*Pituitary Gland: Pars Distalis or Unspecified Site:								
Adenoma								
		0/50	(0%)			3/50	(6%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	3/50 (6%)	Mean 6% SD 0%
.....								
*Pituitary Gland: Pars Distalis or Unspecified Site:								
Carcinoma or Adenoma								
		0/50	(0%)			3/50	(6%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	3/50 (6%)	Mean 6% SD 0%
.....								
*Pituitary Gland: Pars Intermedia:								
Adenoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....								
*Pituitary Gland: Pars Intermedia:								
Carcinoma or Adenoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....								
*Pituitary Gland: Pars Intermedia:								
Schwannoma Malignant								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....								
*Prostate:								
Hemangiosarcoma								
		0/50	(0%)					
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%			

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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 Report Date: 11/07/2024

		Male				Female			
*Prostate:									
Mast Cell Tumor									
		0/50	(0%)						
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%				
.....									
*Salivary Glands:									
Adenocarcinoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
*Salivary Glands:									
Adenoma or Adenocarcinoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
*Salivary Glands:									
Mast Cell Tumor									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Seminal Vesicle:									
Fibroma									
		0/50	(0%)						
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%				
.....									
#Skeletal Muscle:									
Fibrosarcoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
*: Denominator is number of animals with tissues examined microscopically									
#: Denominator is number of animals necropsied									

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
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		Male				Female			
#Skeletal Muscle:									
Hemangiosarcoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Skeletal Muscle:									
Osteosarcoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Skeletal Muscle:									
Rhabdomyosarcoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Skeletal Muscle:									
Rhabdomyosarcoma or Rhabdomyoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Skeletal Muscle:									
Sarcoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Skin:									
Basal Cell Adenoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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	Male				Female			
#Skin:								
Basal or Squamous Cell Carcinoma, Basosquamous Tumor (Malignant or Benign), Basal Cell Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, Adenoma, Sebaceous Gland Adenoma, or Sebaceous Gland Adenocarcinoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
#Skin:								
Basosquamous Tumor (Benign), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, or Sebaceous Gland Adenoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
#Skin:								
Fibroma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
#Skin:								
Fibroma or Myxoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
#Skin:								
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Pleomorphic Fibrosarcoma								
		2/50	(4%)			0/50	(0%)	
Overall Incidence	Total	2/50	(4%)	Mean 4%	SD 0%	Total	0/50	(0%)
.....								
#Skin:								
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, Pleomorphic Fibrosarcoma, or Hemangiopericytoma								
		2/50	(4%)			0/50	(0%)	
Overall Incidence	Total	2/50	(4%)	Mean 4%	SD 0%	Total	0/50	(0%)

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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	Male				Female			
#Skin:								
Fibrosarcoma								
		2/50	(4%)			0/50	(0%)	
Overall Incidence	Total	2/50	(4%)	Mean 4%	SD 0%	Total	0/50	(0%)
								Mean 0%
								SD 0%
#Skin:								
Fibrosarcoma, Sarcoma, Myxosarcoma, or Pleomorphic Fibrosarcoma								
		2/50	(4%)			0/50	(0%)	
Overall Incidence	Total	2/50	(4%)	Mean 4%	SD 0%	Total	0/50	(0%)
								Mean 0%
								SD 0%
#Skin:								
Hemangioma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
								Mean 0%
								SD 0%
#Skin:								
Hemangiosarcoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
								Mean 0%
								SD 0%
#Skin:								
Lipoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
								Mean 0%
								SD 0%
#Skin:								
Liposarcoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
								Mean 0%
								SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

Page: 126
 Report Date: 11/07/2024

	Male				Female			
#Skin:								
Melanoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
#Skin:								
Osteosarcoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
#Skin:								
Pilomatrixoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
#Skin:								
Pleomorphic Fibrosarcoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
#Skin:								
Sarcoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
.....								
#Skin:								
Schwannoma Malignant								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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 Report Date: 11/07/2024

		Male				Female			
#Skin: Sebaceous Gland:									
Adenoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
#Spinal Cord:									
Astrocytoma Malignant									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
#Spinal Cord:									
Schwannoma Malignant									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
*Spleen:									
Hemangiosarcoma									
		2/50	(4%)			1/49	(2%)		
Overall Incidence	Total	2/50	(4%)	Mean 4%	SD 0%	1/49	(2.04%)	Mean 2.04%	SD 0%
.....									
#Stomach, Forestomach:									
Mast Cell Tumor Malignant									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
#Stomach, Forestomach:									
Papilloma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

Page: 128
 Report Date: 11/07/2024

	Male				Female			
#Stomach, Forestomach:								
Squamous Cell Carcinoma or Papilloma Squamous								
		0/50	(0%)			1/50	(2%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)
								Mean 2%
								SD 0%
.....								
#Stomach, Forestomach:								
Squamous Cell Papilloma								
		0/50	(0%)			1/50	(2%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)
								Mean 2%
								SD 0%
.....								
#Stomach, Glandular:								
Adenoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
								Mean 0%
								SD 0%
.....								
#Stomach, Glandular:								
Carcinoma or Adenoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
								Mean 0%
								SD 0%
.....								
*Testis:								
Adenoma								
		0/50	(0%)					
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%			
.....								
*Testis:								
Hemangioma								
		0/50	(0%)					
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%			

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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 Report Date: 11/07/2024

		Male				Female			
*Thymus:									
Hemangioma									
		0/46	(0%)			0/48	(0%)		
Overall Incidence	Total	0/46	(0%)	Mean 0%	SD 0%	Total	0/48	(0%)	Mean 0% SD 0%
.....									
*Thymus:									
Hemangiosarcoma									
		0/46	(0%)			0/48	(0%)		
Overall Incidence	Total	0/46	(0%)	Mean 0%	SD 0%	Total	0/48	(0%)	Mean 0% SD 0%
.....									
*Thymus:									
Thymoma Benign									
		0/46	(0%)			0/48	(0%)		
Overall Incidence	Total	0/46	(0%)	Mean 0%	SD 0%	Total	0/48	(0%)	Mean 0% SD 0%
.....									
*Thyroid Gland: C-Cell:									
Carcinoma									
		0/50	(0%)			0/49	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/49	(0%)	Mean 0% SD 0%
.....									
*Thyroid Gland: C-Cell:									
Carcinoma or Adenoma									
		0/50	(0%)			0/49	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/49	(0%)	Mean 0% SD 0%
.....									
*Thyroid Gland: Follicular Cell:									
Adenoma									
		0/50	(0%)			0/49	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/49	(0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

Page: 130
 Report Date: 11/07/2024

		Male			Female		
*Thyroid Gland: Follicular Cell: Carcinoma							
		1/50 (2%)			0/49 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/49 (0%)	Mean 0% SD 0%
.....							
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma							
		1/50 (2%)			0/49 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/49 (0%)	Mean 0% SD 0%
.....							
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#Tongue: Squamous Cell Papilloma							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#Tooth: Odontoma							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
*Urinary Bladder: Mast Cell Tumor							
		0/49 (0%)			0/49 (0%)		
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

Page: 131
 Report Date: 11/07/2024

	Male		Female	
*Uterus:				
Adenocarcinoma or Adenoma				
		0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%
.....				
*Uterus:				
Adenoma				
		0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%
.....				
*Uterus:				
Fibroma				
		0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%
.....				
*Uterus:				
Granular Cell Tumor Benign				
		0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%
.....				
*Uterus:				
Hemangioma				
		0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%
.....				
*Uterus:				
Hemangiosarcoma				
		0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%
.....				

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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 Report Date: 11/07/2024

	Male		Female	
*Uterus:				
Leiomyoma				
		0/50	(0%)	
Overall Incidence		Total	0/50 (0%)	Mean 0% SD 0%
.....				
*Uterus:				
Leiomyosarcoma or Leiomyoma				
		0/50	(0%)	
Overall Incidence		Total	0/50 (0%)	Mean 0% SD 0%
.....				
*Uterus:				
Polyp Stromal				
		1/50	(2%)	
Overall Incidence		Total	1/50 (2%)	Mean 2% SD 0%
.....				
*Uterus:				
Sarcoma				
		0/50	(0%)	
Overall Incidence		Total	0/50 (0%)	Mean 0% SD 0%
.....				
*Uterus:				
Sarcoma Stromal or Polyp Stromal				
		1/50	(2%)	
Overall Incidence		Total	1/50 (2%)	Mean 2% SD 0%
.....				
#Vagina:				
Hemangioma				
		0/50	(0%)	
Overall Incidence		Total	0/50 (0%)	Mean 0% SD 0%
.....				

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

Version: Nov2024
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: Whole Body Exposure
Vehicle: AIR

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Report Date: 11/07/2024

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							
I. I. T. Research Institute	052010578	06/18/12	729	90(1)	66(687)	51.5	Radiofrequency Radiation
Female							
I. I. T. Research Institute	052010578	06/18/12	739	90(1)	67(704)	62.6	Radiofrequency Radiation

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

Page: 134
 Report Date: 11/07/2024

	Male				Female			
#All Organs:								
Benign Tumors								
		61/90 (68%)			36/90 (40%)			
Overall Incidence	Total	61/90 (67.78%)	Mean 67.78%	SD 0%	Total	36/90 (40%)	Mean 40%	SD 0%
.....								
#All Organs:								
Malignant Tumors								
		49/90 (54%)			33/90 (37%)			
Overall Incidence	Total	49/90 (54.44%)	Mean 54.44%	SD 0%	Total	33/90 (36.67%)	Mean 36.67%	SD 0%
.....								
#All Organs:								
Malignant and Benign Tumors								
		79/90 (88%)			59/90 (66%)			
Overall Incidence	Total	79/90 (87.78%)	Mean 87.78%	SD 0%	Total	59/90 (65.56%)	Mean 65.56%	SD 0%
.....								
#All Organs:								
Hemangioma								
		1/90 (1%)			4/90 (4%)			
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	4/90 (4.44%)	Mean 4.44%	SD 0%
.....								
#All Organs:								
Hemangiosarcoma								
		2/90 (2%)			2/90 (2%)			
Overall Incidence	Total	2/90 (2.22%)	Mean 2.22%	SD 0%	Total	2/90 (2.22%)	Mean 2.22%	SD 0%
.....								
#All Organs:								
Hemangiosarcoma or Hemangioma								
		3/90 (3%)			6/90 (7%)			
Overall Incidence	Total	3/90 (3.33%)	Mean 3.33%	SD 0%	Total	6/90 (6.67%)	Mean 6.67%	SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

Page: 135
 Report Date: 11/07/2024

		Male				Female			
#All Organs:									
Histiocytic Sarcoma									
			0/90 (0%)			8/90 (9%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	8/90 (8.89%)	Mean 8.89%	SD 0%	
.....									
#All Organs:									
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated									
			0/90 (0%)			0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
.....									
#All Organs:									
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, Large Granular, or Undifferentiated Cell Type									
			6/90 (7%)			2/90 (2%)			
Overall Incidence	Total	6/90 (6.67%)	Mean 6.67%	SD 0%	Total	2/90 (2.22%)	Mean 2.22%	SD 0%	
.....									
#All Organs:									
Malignant Schwannoma									
			0/90 (0%)			0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
.....									
#All Organs:									
Mast Cell Tumor									
			1/90 (1%)			0/90 (0%)			
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
.....									
*Adrenal Cortex:									
Adenoma									
			0/90 (0%)			1/84 (1%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	1/84 (1.19%)	Mean 1.19%	SD 0%	

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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 Report Date: 11/07/2024

		Male				Female				
*Adrenal Cortex:										
Carcinoma or Adenoma										
		0/90	(0%)			1/84	(1%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/84	(1.19%)	Mean 1.19%	SD 0%
.....										
*Adrenal Medulla:										
Pheochromocytoma Benign										
		0/90	(0%)			0/83	(0%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/83	(0%)	Mean 0%	SD 0%
.....										
*Adrenal Medulla:										
Pheochromocytoma Malignant										
		0/90	(0%)			2/83	(2%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	2/83	(2.41%)	Mean 2.41%	SD 0%
.....										
*Adrenal Medulla:										
Pheochromocytoma: Benign, Complex, Malignant, NOS										
		0/90	(0%)			2/83	(2%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	2/83	(2.41%)	Mean 2.41%	SD 0%
.....										
#Bone:										
Fibrosarcoma										
		0/90	(0%)			0/90	(0%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0%	SD 0%
.....										
#Bone:										
Hemangioma										
		0/90	(0%)			1/90	(1%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)	Mean 1.11%	SD 0%
.....										

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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 Report Date: 11/07/2024

		Male				Female			
#Bone:									
Hemangiosarcoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Bone:									
Osteoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Bone:									
Osteosarcoma									
		0/90	(0%)			1/90	(1%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)	Mean 1.11% SD 0%
.....									
#Bone:									
Osteosarcoma or Osteoma									
		0/90	(0%)			1/90	(1%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)	Mean 1.11% SD 0%
.....									
*Bone Marrow:									
Hemangiosarcoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
*Bone Marrow:									
Mast Cell Tumor Malignant									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

Page: 138
 Report Date: 11/07/2024

		Male			Female		
*Brain:							
Meningioma Malignant							
		0/90	(0%)		0/87	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/87 (0%)
							Mean 0%
							SD 0%
*Brain:							
Meningioma: Benign, Malignant, NOS							
		0/90	(0%)		0/87	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/87 (0%)
							Mean 0%
							SD 0%
*Clitoral/Preputial Gland:							
Malignant Fibrous Histiocytoma							
		0/89	(0%)		0/82	(0%)	
Overall Incidence	Total	0/89	(0%)	Mean 0%	SD 0%	Total	0/82 (0%)
							Mean 0%
							SD 0%
*Clitoral/Preputial Gland:							
Mast Cell Tumor							
		1/89	(1%)		0/82	(0%)	
Overall Incidence	Total	1/89	(1.12%)	Mean 1.12%	SD 0%	Total	0/82 (0%)
							Mean 0%
							SD 0%
*Epididymis:							
Mast Cell Tumor							
		1/90	(1%)				
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%		
#Harderian Gland:							
Adenocarcinoma							
		3/90	(3%)		0/90	(0%)	
Overall Incidence	Total	3/90	(3.33%)	Mean 3.33%	SD 0%	Total	0/90 (0%)
							Mean 0%
							SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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 Report Date: 11/07/2024

	Male				Female			
#Harderian Gland:								
Adenoma								
		6/90 (7%)			4/90 (4%)			
Overall Incidence	Total	6/90 (6.67%)	Mean 6.67%	SD 0%	Total	4/90 (4.44%)	Mean 4.44%	SD 0%
.....								
#Harderian Gland:								
Adenoma or Adenocarcinoma								
		9/90 (10%)			4/90 (4%)			
Overall Incidence	Total	9/90 (10%)	Mean 10%	SD 0%	Total	4/90 (4.44%)	Mean 4.44%	SD 0%
.....								
#Harderian Gland:								
Mast Cell Tumor								
		1/90 (1%)			0/90 (0%)			
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....								
#Intestine Large: Cecum:								
Leiomyoma								
		0/90 (0%)			0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....								
#Intestine Small: Any Site:								
Adenocarcinoma								
		3/90 (3%)			0/90 (0%)			
Overall Incidence	Total	3/90 (3.33%)	Mean 3.33%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....								
#Intestine Small: Any Site:								
Adenoma								
		0/90 (0%)			0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female				
#Intestine Small: Any Site:									
Adenoma or Adenocarcinoma									
		3/90	(3%)			0/90	(0%)		
Overall Incidence	Total	3/90	(3.33%)	Mean 3.33%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Duodenum:									
Adenocarcinoma									
		1/90	(1%)			0/90	(0%)		
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Duodenum:									
Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Ileum:									
Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Jejunum:									
Adenocarcinoma									
		2/90	(2%)			0/90	(0%)		
Overall Incidence	Total	2/90	(2.22%)	Mean 2.22%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Jejunum:									
Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female			
#Intestine Small: Jejunum:								
Mast Cell Tumor								
		1/90 (1%)				0/90 (0%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....								
*Islets, Pancreatic:								
Adenoma								
		0/88 (0%)				0/87 (0%)		
Overall Incidence	Total	0/88 (0%)	Mean 0%	SD 0%	Total	0/87 (0%)	Mean 0%	SD 0%
.....								
*Islets, Pancreatic:								
Carcinoma								
		0/88 (0%)				1/87 (1%)		
Overall Incidence	Total	0/88 (0%)	Mean 0%	SD 0%	Total	1/87 (1.15%)	Mean 1.15%	SD 0%
.....								
*Islets, Pancreatic:								
Carcinoma or Adenoma								
		0/88 (0%)				1/87 (1%)		
Overall Incidence	Total	0/88 (0%)	Mean 0%	SD 0%	Total	1/87 (1.15%)	Mean 1.15%	SD 0%
.....								
*Kidney: Renal Tubule:								
Adenoma								
		0/90 (0%)				2/89 (2%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	2/89 (2.25%)	Mean 2.25%	SD 0%
.....								
*Kidney: Renal Tubule:								
Carcinoma or Adenoma								
		0/90 (0%)				2/89 (2%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	2/89 (2.25%)	Mean 2.25%	SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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		Male			Female		
*Kidney: Renal Tubule: Hemangiosarcoma							
		0/90 (0%)			0/89 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%)	Mean 0% SD 0%
.....							
*Kidney: Renal Tubule: Mast Cell Tumor							
		1/90 (1%)			0/89 (0%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/89 (0%)	Mean 0% SD 0%
.....							
*Kidney: Renal Tubule: Renal Mesenchymal Tumor							
		0/90 (0%)			1/89 (1%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	1/89 (1.12%)	Mean 1.12% SD 0%
.....							
*Liver: Cholangiocarcinoma							
		0/90 (0%)			0/89 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%)	Mean 0% SD 0%
.....							
*Liver: Hemangioma							
		0/90 (0%)			0/89 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%)	Mean 0% SD 0%
.....							
*Liver: Hemangiosarcoma							
		1/90 (1%)			0/89 (0%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/89 (0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female			
*Liver:								
Hepatoblastoma								
		6/90 (7%)				1/89 (1%)		
Overall Incidence	Total	6/90 (6.67%)	Mean 6.67%	SD 0%	Total	1/89 (1.12%)	Mean 1.12%	SD 0%
.....								
*Liver:								
Hepatocellular Adenoma								
		52/90 (58%)				19/89 (21%)		
Overall Incidence	Total	52/90 (57.78%)	Mean 57.78%	SD 0%	Total	19/89 (21.35%)	Mean 21.35%	SD 0%
.....								
*Liver:								
Hepatocellular Carcinoma								
		28/90 (31%)				8/89 (9%)		
Overall Incidence	Total	28/90 (31.11%)	Mean 31.11%	SD 0%	Total	8/89 (8.99%)	Mean 8.99%	SD 0%
.....								
*Liver:								
Hepatocellular Carcinoma or Hepatoblastoma								
		32/90 (36%)				9/89 (10%)		
Overall Incidence	Total	32/90 (35.56%)	Mean 35.56%	SD 0%	Total	9/89 (10.11%)	Mean 10.11%	SD 0%
.....								
*Liver:								
Hepatocellular Carcinoma or Hepatocellular Adenoma								
		67/90 (74%)				25/89 (28%)		
Overall Incidence	Total	67/90 (74.44%)	Mean 74.44%	SD 0%	Total	25/89 (28.09%)	Mean 28.09%	SD 0%
.....								
*Liver:								
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma								
		68/90 (76%)				25/89 (28%)		
Overall Incidence	Total	68/90 (75.56%)	Mean 75.56%	SD 0%	Total	25/89 (28.09%)	Mean 28.09%	SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female			
*Liver:								
Hepatocolangiocarcinoma								
		1/90	(1%)			0/89	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/89	(0%)
							Mean 0%	SD 0%
.....								
*Liver:								
Ito Cell Tumor Benign								
		0/90	(0%)			0/89	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/89	(0%)
							Mean 0%	SD 0%
.....								
*Liver:								
Mast Cell Tumor								
		1/90	(1%)			0/89	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/89	(0%)
							Mean 0%	SD 0%
.....								
*Lung:								
Alveolar/Bronchiolar Adenoma								
		13/90	(14%)			3/90	(3%)	
Overall Incidence	Total	13/90	(14.44%)	Mean 14.44%	SD 0%	Total	3/90	(3.33%)
							Mean 3.33%	SD 0%
.....								
*Lung:								
Alveolar/Bronchiolar Carcinoma								
		13/90	(14%)			3/90	(3%)	
Overall Incidence	Total	13/90	(14.44%)	Mean 14.44%	SD 0%	Total	3/90	(3.33%)
							Mean 3.33%	SD 0%
.....								
*Lung:								
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma								
		23/90	(26%)			6/90	(7%)	
Overall Incidence	Total	23/90	(25.56%)	Mean 25.56%	SD 0%	Total	6/90	(6.67%)
							Mean 6.67%	SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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		Male				Female			
*Lung:									
Hemangiosarcoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
*Lung:									
Mast Cell Tumor									
		1/90	(1%)			0/90	(0%)		
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Lymph Node:									
Hemangiosarcoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Lymph Node:									
Mast Cell Tumor									
		1/90	(1%)			0/90	(0%)		
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Lymph Node, Axillary:									
Hemangioma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Lymph Node, Mandibular:									
Hemangiosarcoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female			
#Lymph Node, Mandibular: Mast Cell Tumor								
		1/90	(1%)			0/90	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....								
#Lymph Node, Mandibular: Mast Cell Tumor Malignant								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....								
#Lymph Node, Mesenteric: Hemangioma								
		1/90	(1%)			0/90	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....								
#Lymph Node, Mesenteric: Mast Cell Tumor								
		1/90	(1%)			0/90	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....								
#Lymph Node, Mesenteric: Mast Cell Tumor Malignant								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....								
#Mammary Gland: Adenocarcinoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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 Vehicle: AIR

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		Male				Female			
#Mammary Gland:									
Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Mammary Gland:									
Adenoma or Adenocarcinoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Mammary Gland:									
Fibroma, Fibroadenoma or Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Mammary Gland:									
Fibroma, Fibroadenoma, Adenocarcinoma, or Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Mesentery:									
Hemangioma									
		0/90	(0%)			1/90	(1%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)	Mean 1.11% SD 0%
.....									
#Mesentery:									
Hemangiosarcoma									
		1/90	(1%)			0/90	(0%)		
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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		Male			Female		
#Mesentery:							
Lipoma							
		1/90	(1%)		0/90	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)
						Mean 0%	SD 0%
.....							
#Mesentery:							
Malignant Fibrous Histiocytoma							
		0/90	(0%)		0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)
						Mean 0%	SD 0%
.....							
#Mesentery:							
Sarcoma							
		0/90	(0%)		0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)
						Mean 0%	SD 0%
.....							
*Nose:							
Carcinoma							
		0/90	(0%)		0/89	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/89 (0%)
						Mean 0%	SD 0%
.....							
*Nose:							
Polyp							
		0/90	(0%)		0/89	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/89 (0%)
						Mean 0%	SD 0%
.....							
#Oral Mucosa:							
Squamous Cell Carcinoma							
		0/90	(0%)		0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)
						Mean 0%	SD 0%
.....							

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female			
#Oral Mucosa, Tongue, Pharynx, or Gingiva:								
Papilloma Squamous or Papilloma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....								
#Oral Mucosa, Tongue, Pharynx, or Gingiva:								
Squamous Cell Carcinoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....								
#Oral Mucosa, Tongue, Pharynx, or Gingiva:								
Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....								
*Ovary:								
Adenocarcinoma, Cystadenoma, or Cystadenocarcinoma								
						2/75	(3%)	
Overall Incidence						Total	2/75 (2.67%)	Mean 2.67% SD 0%
.....								
*Ovary:								
Adenoma								
						0/75	(0%)	
Overall Incidence						Total	0/75 (0%)	Mean 0% SD 0%
.....								
*Ovary:								
Cystadenoma								
						2/75	(3%)	
Overall Incidence						Total	2/75 (2.67%)	Mean 2.67% SD 0%
.....								

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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	Male	Female
*Ovary:		
Cystadenoma or Cystadenocarcinoma		
Overall Incidence	Total	2/75 (3%) 2/75 (2.67%)
		Mean 2.67% SD 0%
.....		
*Ovary:		
Granulosa-Theca Tumor Malignant		
Overall Incidence	Total	0/75 (0%) 0/75 (0%)
		Mean 0% SD 0%
.....		
*Ovary:		
Granulosa Cell Tumor Benign		
Overall Incidence	Total	1/75 (1%) 1/75 (1.33%)
		Mean 1.33% SD 0%
.....		
*Ovary:		
Granulosa Cell Tumor, Luteoma, Thecoma, or Sertoli Cell Tumor (Benign, Malignant, NOS)		
Overall Incidence	Total	2/75 (3%) 2/75 (2.67%)
		Mean 2.67% SD 0%
.....		
*Ovary:		
Granulosa Cell Tumor: Benign, Malignant, NOS		
Overall Incidence	Total	1/75 (1%) 1/75 (1.33%)
		Mean 1.33% SD 0%
.....		
*Ovary:		
Hemangioma		
Overall Incidence	Total	2/75 (3%) 2/75 (2.67%)
		Mean 2.67% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
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 Strain: B6C3F1/N
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male		Female	
*Ovary:				
Hemangiosarcoma				
		0/75	(0%)	
Overall Incidence	Total	0/75	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Luteoma				
		0/75	(0%)	
Overall Incidence	Total	0/75	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Teratoma				
		0/75	(0%)	
Overall Incidence	Total	0/75	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Teratoma (Benign or Malignant), Yolk Sac Carcinoma (Malignant), or Choriocarcinoma (Malignant)				
		0/75	(0%)	
Overall Incidence	Total	0/75	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Teratoma, Benign or Malignant				
		0/75	(0%)	
Overall Incidence	Total	0/75	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Thecoma Benign				
		0/75	(0%)	
Overall Incidence	Total	0/75	(0%)	Mean 0% SD 0%
.....				

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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Male					Female				
*Ovary:									
Thecoma Malignant									
					1/75 (1%)				
Overall Incidence		Total		1/75 (1.33%)		Mean 1.33%		SD 0%	
.....									
*Ovary:									
Tubulostromal Adenoma									
					0/75 (0%)				
Overall Incidence		Total		0/75 (0%)		Mean 0%		SD 0%	
.....									
*Ovary:									
Tubulostromal Carcinoma									
					0/75 (0%)				
Overall Incidence		Total		0/75 (0%)		Mean 0%		SD 0%	
.....									
*Pancreas:									
Malignant Fibrous Histiocytoma									
		0/87 (0%)				0/87 (0%)			
Overall Incidence		Total		0/87 (0%)		Mean 0%		SD 0%	
.....									
*Pancreas:									
Mast Cell Tumor									
		1/87 (1%)				0/87 (0%)			
Overall Incidence		Total		1/87 (1.15%)		Mean 1.15%		SD 0%	
.....									
*Parathyroid Gland:									
Carcinoma									
		0/68 (0%)				0/60 (0%)			
Overall Incidence		Total		0/68 (0%)		Mean 0%		SD 0%	
.....									

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

Version: Nov2024
 Contract/Lab: All Laboratories
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 Strain: B6C3F1/N
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
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Male					Female				
*Pituitary Gland: Pars Distalis or Unspecified Site:									
Adenoma									
		0/86	(0%)			6/80	(8%)		
Overall Incidence	Total	0/86	(0%)	Mean 0%	SD 0%	Total	6/80 (7.5%)	Mean 7.5%	SD 0%
.....									
*Pituitary Gland: Pars Distalis or Unspecified Site:									
Carcinoma or Adenoma									
		0/86	(0%)			6/80	(8%)		
Overall Incidence	Total	0/86	(0%)	Mean 0%	SD 0%	Total	6/80 (7.5%)	Mean 7.5%	SD 0%
.....									
*Pituitary Gland: Pars Intermedia:									
Adenoma									
		0/86	(0%)			0/80	(0%)		
Overall Incidence	Total	0/86	(0%)	Mean 0%	SD 0%	Total	0/80 (0%)	Mean 0%	SD 0%
.....									
*Pituitary Gland: Pars Intermedia:									
Carcinoma or Adenoma									
		0/86	(0%)			0/80	(0%)		
Overall Incidence	Total	0/86	(0%)	Mean 0%	SD 0%	Total	0/80 (0%)	Mean 0%	SD 0%
.....									
*Pituitary Gland: Pars Intermedia:									
Schwannoma Malignant									
		0/86	(0%)			0/80	(0%)		
Overall Incidence	Total	0/86	(0%)	Mean 0%	SD 0%	Total	0/80 (0%)	Mean 0%	SD 0%
.....									
*Prostate:									
Hemangiosarcoma									
		0/90	(0%)						
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%				

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

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 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female			
*Prostate:								
Mast Cell Tumor								
		1/90	(1%)					
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%			
.....								
*Salivary Glands:								
Adenocarcinoma								
		0/90	(0%)			0/89	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/89	(0%)
							Mean 0%	SD 0%
.....								
*Salivary Glands:								
Adenoma or Adenocarcinoma								
		0/90	(0%)			0/89	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/89	(0%)
							Mean 0%	SD 0%
.....								
*Salivary Glands:								
Mast Cell Tumor								
		1/90	(1%)			0/89	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/89	(0%)
							Mean 0%	SD 0%
.....								
#Seminal Vesicle:								
Fibroma								
		1/90	(1%)					
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%			
.....								
#Skeletal Muscle:								
Fibrosarcoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)
							Mean 0%	SD 0%
.....								
*: Denominator is number of animals with tissues examined microscopically								
#: Denominator is number of animals necropsied								

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female			
#Skeletal Muscle:								
Hemangiosarcoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)
								Mean 0%
								SD 0%
.....								
#Skeletal Muscle:								
Osteosarcoma								
		0/90	(0%)			1/90	(1%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)
								Mean 1.11%
								SD 0%
.....								
#Skeletal Muscle:								
Rhabdomyosarcoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)
								Mean 0%
								SD 0%
.....								
#Skeletal Muscle:								
Rhabdomyosarcoma or Rhabdomyoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)
								Mean 0%
								SD 0%
.....								
#Skeletal Muscle:								
Sarcoma								
		1/90	(1%)			0/90	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90	(0%)
								Mean 0%
								SD 0%
.....								
#Skin:								
Basal Cell Adenoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)
								Mean 0%
								SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

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 Tumor Incidence for Selected Control Animal Groups
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 Vehicle: AIR

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	Male				Female			
#Skin:								
Basal or Squamous Cell Carcinoma, Basosquamous Tumor (Malignant or Benign), Basal Cell Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, Adenoma, Sebaceous Gland Adenoma, or Sebaceous Gland Adenocarcinoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)
.....								
#Skin:								
Basosquamous Tumor (Benign), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, or Sebaceous Gland Adenoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)
.....								
#Skin:								
Fibroma								
		0/90	(0%)			1/90	(1%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)
.....								
#Skin:								
Fibroma or Myxoma								
		0/90	(0%)			1/90	(1%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)
.....								
#Skin:								
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Pleomorphic Fibrosarcoma								
		1/90	(1%)			6/90	(7%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	6/90	(6.67%)
.....								
#Skin:								
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, Pleomorphic Fibrosarcoma, or Hemangiopericytoma								
		1/90	(1%)			6/90	(7%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	6/90	(6.67%)

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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	Male				Female				
#Skin:									
Fibrosarcoma									
		0/90	(0%)			3/90	(3%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	3/90 (3.33%)	Mean 3.33%	SD 0%
.....									
#Skin:									
Fibrosarcoma, Sarcoma, Myxosarcoma, or Pleomorphic Fibrosarcoma									
		1/90	(1%)			5/90	(6%)		
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	5/90 (5.56%)	Mean 5.56%	SD 0%
.....									
#Skin:									
Hemangioma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									
#Skin:									
Hemangiosarcoma									
		1/90	(1%)			2/90	(2%)		
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	2/90 (2.22%)	Mean 2.22%	SD 0%
.....									
#Skin:									
Lipoma									
		1/90	(1%)			1/90	(1%)		
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%
.....									
#Skin:									
Liposarcoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
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	Male				Female			
#Skin:								
Melanoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)
.....								
#Skin:								
Osteosarcoma								
		0/90	(0%)			1/90	(1%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)
.....								
#Skin:								
Pilomatrixoma								
		1/90	(1%)			0/90	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90	(0%)
.....								
#Skin:								
Pleomorphic Fibrosarcoma								
		1/90	(1%)			0/90	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90	(0%)
.....								
#Skin:								
Sarcoma								
		0/90	(0%)			2/90	(2%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	2/90	(2.22%)
.....								
#Skin:								
Schwannoma Malignant								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

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 Tumor Incidence for Selected Control Animal Groups
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		Male				Female			
#Skin: Sebaceous Gland:									
Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Spinal Cord:									
Astrocytoma Malignant									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Spinal Cord:									
Schwannoma Malignant									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
*Spleen:									
Hemangiosarcoma									
		0/87	(0%)			0/86	(0%)		
Overall Incidence	Total	0/87	(0%)	Mean 0%	SD 0%	Total	0/86	(0%)	Mean 0% SD 0%
.....									
#Stomach, Forestomach:									
Mast Cell Tumor Malignant									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Stomach, Forestomach:									
Papilloma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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	Male				Female				
#Stomach, Forestomach:									
Squamous Cell Carcinoma or Papilloma Squamous									
		0/90	(0%)			1/90	(1%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%
.....									
#Stomach, Forestomach:									
Squamous Cell Papilloma									
		0/90	(0%)			1/90	(1%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%
.....									
#Stomach, Glandular:									
Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									
#Stomach, Glandular:									
Carcinoma or Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									
*Testis:									
Adenoma									
		2/90	(2%)						
Overall Incidence	Total	2/90	(2.22%)	Mean 2.22%	SD 0%				
.....									
*Testis:									
Hemangioma									
		0/90	(0%)						
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%				
.....									
*: Denominator is number of animals with tissues examined microscopically									
#: Denominator is number of animals necropsied									

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
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		Male				Female			
*Thymus:									
Hemangioma									
		0/75	(0%)			0/85	(0%)		
Overall Incidence	Total	0/75	(0%)	Mean 0%	SD 0%	Total	0/85	(0%)	Mean 0% SD 0%
.....									
*Thymus:									
Hemangiosarcoma									
		0/75	(0%)			0/85	(0%)		
Overall Incidence	Total	0/75	(0%)	Mean 0%	SD 0%	Total	0/85	(0%)	Mean 0% SD 0%
.....									
*Thymus:									
Thymoma Benign									
		0/75	(0%)			0/85	(0%)		
Overall Incidence	Total	0/75	(0%)	Mean 0%	SD 0%	Total	0/85	(0%)	Mean 0% SD 0%
.....									
*Thyroid Gland: C-Cell:									
Carcinoma									
		0/89	(0%)			1/86	(1%)		
Overall Incidence	Total	0/89	(0%)	Mean 0%	SD 0%	Total	1/86	(1.16%)	Mean 1.16% SD 0%
.....									
*Thyroid Gland: C-Cell:									
Carcinoma or Adenoma									
		0/89	(0%)			1/86	(1%)		
Overall Incidence	Total	0/89	(0%)	Mean 0%	SD 0%	Total	1/86	(1.16%)	Mean 1.16% SD 0%
.....									
*Thyroid Gland: Follicular Cell:									
Adenoma									
		0/89	(0%)			0/86	(0%)		
Overall Incidence	Total	0/89	(0%)	Mean 0%	SD 0%	Total	0/86	(0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

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 Tumor Incidence for Selected Control Animal Groups
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		Male			Female		
*Thyroid Gland: Follicular Cell: Carcinoma							
		0/89 (0%)			0/86 (0%)		
Overall Incidence	Total	0/89 (0%)	Mean 0%	SD 0%	Total	0/86 (0%)	Mean 0% SD 0%
.....							
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma							
		0/89 (0%)			0/86 (0%)		
Overall Incidence	Total	0/89 (0%)	Mean 0%	SD 0%	Total	0/86 (0%)	Mean 0% SD 0%
.....							
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous							
		0/90 (0%)			0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....							
#Tongue: Squamous Cell Papilloma							
		0/90 (0%)			0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....							
#Tooth: Odontoma							
		0/90 (0%)			0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....							
*Urinary Bladder: Mast Cell Tumor							
		1/87 (1%)			0/86 (0%)		
Overall Incidence	Total	1/87 (1.15%)	Mean 1.15%	SD 0%	Total	0/86 (0%)	Mean 0% SD 0%

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male		Female	
*Uterus:				
Adenocarcinoma or Adenoma				
		0/89	(0%)	
Overall Incidence		Total	0/89 (0%)	Mean 0% SD 0%
.....				
*Uterus:				
Adenoma				
		0/89	(0%)	
Overall Incidence		Total	0/89 (0%)	Mean 0% SD 0%
.....				
*Uterus:				
Fibroma				
		1/89	(1%)	
Overall Incidence		Total	1/89 (1.12%)	Mean 1.12% SD 0%
.....				
*Uterus:				
Granular Cell Tumor Benign				
		0/89	(0%)	
Overall Incidence		Total	0/89 (0%)	Mean 0% SD 0%
.....				
*Uterus:				
Hemangioma				
		0/89	(0%)	
Overall Incidence		Total	0/89 (0%)	Mean 0% SD 0%
.....				
*Uterus:				
Hemangiosarcoma				
		0/89	(0%)	
Overall Incidence		Total	0/89 (0%)	Mean 0% SD 0%
.....				

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

Version: Nov2024
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male	Female
*Uterus:		
Leiomyoma		
	1/89 (1%)	
Overall Incidence	Total 1/89 (1.12%)	Mean 1.12% SD 0%
.....		
*Uterus:		
Leiomyosarcoma or Leiomyoma		
	1/89 (1%)	
Overall Incidence	Total 1/89 (1.12%)	Mean 1.12% SD 0%
.....		
*Uterus:		
Polyp Stromal		
	0/89 (0%)	
Overall Incidence	Total 0/89 (0%)	Mean 0% SD 0%
.....		
*Uterus:		
Sarcoma		
	0/89 (0%)	
Overall Incidence	Total 0/89 (0%)	Mean 0% SD 0%
.....		
*Uterus:		
Sarcoma Stromal or Polyp Stromal		
	0/89 (0%)	
Overall Incidence	Total 0/89 (0%)	Mean 0% SD 0%
.....		
#Vagina:		
Hemangioma		
	0/90 (0%)	
Overall Incidence	Total 0/90 (0%)	Mean 0% SD 0%

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