

NTP Historical Controls Report

All Routes and Vehicles

F 344/N RATS

June 2013

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

The report combines all the data from all of the historical control studies into one section. To see this data broken up by route and vehicle you must run the "By Route And Vehicle" 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	М3	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 there are blank spaces where tumor rates for these studies would normally be found, so that the male and female rates for the remaining studies can be easily compared.

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

				Stu	dy Summary		
Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
					Male		
Southern Research Institute	059903705	06/09/03	729	50(3)	27(662)	523.0	alpha/beta Thujone mixture
Battelle Northwest	052001105	07/14/03	729	50(5)	23(678)	526.9	1-Bromopropane
Battelle Northwest	059901705	08/25/03	729	50(5)	28(686)	525.6	Diethylamine
Battelle Columbus Laboratory	059903103	03/23/05	727	50(3)	38(706)	512.7	Ginkgo biloba extract
Battelle Columbus Laboratory	052000505	01/21/04	727	50(3)	30(679)	498.5	Ginseng
Battelle Columbus Laboratory	052000705	08/18/04	727	49(3)	34(692)	515.2	Kava kava extract
Southern Research Institute	059500305	04/05/04	729	50(1)	27(683)	508.5	Methyl trans-styryl ketone
Battelle Columbus Laboratory	052010703	10/20/04	727	50(3)	37(702)	503.5	N,N-Dimethyl-p-toluidine
Battelle Columbus Laboratory	052000903	11/18/04	726	50(3)	33(668)	516.1	beta-Picoline
Battelle Columbus Laboratory	059903203	09/15/04	727	50(1)	23(651)	510.1	Pyrogallol
Battelle Columbus Laboratory	059901305	05/12/05	726	50(3)	36(685)	522.7	Styrene-acrylonitrile trimer
Battelle Northwest	059302507	06/16/03	729	50(5)	20(668)	536.2	Tetralin
Southern Research Institute	058813307	01/18/05	729	50(1)	23(681)	516.1	Trimethylolpropane triacrylate
Battelle Northwest	052030305	06/06/05	729	50(5)	25(680)	532.1	Vinylidene chloride
					Female		
Southern Research Institute	059903705	06/09/03	730	50(5)	35(689)	335.4	alpha/beta Thujone mixture
Battelle Northwest	052001105	07/14/03	730	50(5)	34(702)	386.5	1-Bromopropane
Battelle Northwest	059901705	08/25/03	730	50(5)	31(687)	378.3	Diethylamine
Battelle Columbus Laboratory	059903103	03/24/05	728	50(5)	37(700)	350.7	Ginkgo biloba extract
Battelle Columbus Laboratory	052000505	01/22/04	728	50(5)	36(700)	355.0	Ginseng
Battelle Columbus Laboratory	052000705	08/19/04	728	50(5)	34(683)	354.3	Kava kava extract
Southern Research Institute	059500305	04/05/04	732	50(1)	30(685)	356.2	Methyl trans-styryl ketone
Battelle Columbus Laboratory	052010703	10/21/04	728	50(5)	33(704)	354.1	N,N-Dimethyl-p-toluidine
Battelle Columbus Laboratory	052000903	11/19/04	727	50(5)	30(688)	352.7	beta-Picoline
Battelle Columbus Laboratory	059903203	09/16/04	728	50(1)	29(670)	351.0	Pyrogallol
Battelle Columbus Laboratory	059901305	05/13/05	727	50(5)	41(699)	371.2	Styrene-acrylonitrile trimer
Battelle Northwest	059302507	06/16/03	730	50(5)	31(682)	370.8	Tetralin
Southern Research Institute	058813307	01/18/05	731	50(1)	27(688)	352.8	Trimethylolpropane triacrylate
Battelle Northwest	052030305	06/06/05	731	50(5)	30(705)	375.6	Vinylidene chloride

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
#All Organs:								· · · · · ·
Benign Tumors								10/50 (2001)
		44/50 (88%)	48/50 (96%)	44/50 (88%)		46/50 (92%)	45/50 (90%)	43/50 (86%)
		50/50 (100%)	49/50 (98%)	49/49 (100%)		47/50 (94%)	42/50 (84%)	43/50 (86%)
		46/50 (92%) 47/50 (94%)	48/50 (96%) 46/50 (92%)	45/50 (90%) 48/50 (96%)		47/50 (94%) 43/50 (86%)	46/50 (92%) 42/50 (84%)	47/50 (94%) 40/50 (80%)
		48/50 (94%)	47/50 (92%)	40/50 (90%)		43/50 (86%)	47/50 (94%)	40/50 (80%)
Overall Incidence	Total	659/699 (94.28%)	Mean 94.29%	SD 3.91%	Total	621/700 (88.71%)	Mean 88.71%	SD 4.68%
≠All Organs:								
Malignant Tumors								
-		31/50 (62%)	38/50 (76%)	31/50 (62%)		20/50 (40%)	26/50 (52%)	24/50 (48%)
		13/50 (26%)	26/50 (52%)	17/49 (35%)		12/50 (24%)	10/50 (20%)	11/50 (22%)
		33/50 (66%)	20/50 (40%)	23/50 (46%)		22/50 (44%)	23/50 (46%)	17/50 (34%)
		22/50 (44%)	22/50 (44%)	33/50 (66%)		12/50 (24%)	19/50 (38%)	25/50 (50%)
		30/50 (60%)	27/50 (54%)			21/50 (42%)	24/50 (48%)	
Overall Incidence	Total	366/699 (52.36%)	Mean 52.34%	SD 13.92%	Total	266/700 (38%)	Mean 38%	SD 11.26%
#All Organs:								
Malignant and Benign	Tumors							
		48/50 (96%)	50/50 (100%)	49/50 (98%)		49/50 (98%)	49/50 (98%)	48/50 (96%)
		50/50 (100%)	49/50 (98%)	49/49 (100%)		49/50 (98%)	45/50 (90%)	46/50 (92%)
		48/50 (96%) 49/50 (98%)	49/50 (98%) 49/50 (98%)	48/50 (96%) 50/50 (100%)		49/50 (98%) 45/50 (90%)	49/50 (98%) 44/50 (88%)	49/50 (98%) 46/50 (92%)
		49/50 (98%) 50/50 (100%)	49/50 (98%) 50/50 (100%)	50/50 (100%)		43/50 (90%)	49/50 (98%)	40/50 (92%)
Overall Incidence	Total	688/699 (98.43%)	Mean 98.43%	SD 1.6%	Total	664/700 (94.86%)	Mean 94.86%	SD 3.74%
#All Organs:								
Hemangioma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	. ,		0/50 (0%)	0/50 (0%)	. ,
Overall Incidence	Total	2/699 (0.29%)	Mean 0.29%	SD 0.73%	Total	0/700 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
All Organs:								
Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	00 0 000		0/50 (0%)	0/50 (0%)	0D <i>and</i>
verall Incidence	Total	2/699 (0.29%)	Mean 0.29%	SD 0.73%	Total	0/700 (0%)	Mean 0%	SD 0%
All Organs:								
Hemangiosarcoma or H	emangioma							
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	4/699 (0.57%)	Mean 0.57%	SD 0.94%	Total	0/700 (0%)	Mean 0%	SD 0%
All Organs: Histiocytic Sarcoma								
-		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	2/50 (4%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/699 (0.29%)	Mean 0.29%	SD 0.73%	Total	2/700 (0.29%)	Mean 0.29%	SD 1.07%
44.11. On more of								
All Organs: Leukemia: Lymphocytic	. Monocytic M	Iononuclear, or Undiffe	rentiated					
	,,,,,,,	22/50 (44%)	29/50 (58%)	25/50 (50%)		10/50 (20%)	16/50 (32%)	15/50 (30%)
		9/50 (18%)	18/50 (36%)	7/49 (14%)		8/50 (16%)	6/50 (12%)	5/50 (10%)
		26/50 (52%)	14/50 (28%)	14/50 (28%)		18/50 (36%)	15/50 (30%)	12/50 (24%)
		11/50 (22%)	15/50 (30%)	25/50 (50%)		8/50 (16%)	13/50 (26%)	17/50 (34%)
		26/50 (52%)	17/50 (34%)			12/50 (24%)	10/50 (20%)	()
		()				(Mean 23.57%	

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
#All Organs:								
Malignant Lymphoma: H	listiocytic, Lym	phocytic, Mixed, NOS,	or Undifferentiated Cel	I Туре				
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	1/699 (0.14%)	Mean 0.15%	SD 0.55%	Total	3/700 (0.43%)	Mean 0.43%	SD 0.85%
#All Organs:								
Mesothelioma: Benign, M	Malignant, NOS	;						
		2/50 (4%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		3/50 (6%)	2/50 (4%)	3/49 (6%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		4/50 (8%)	1/50 (2%)	4/50 (8%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	4/50 (8%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	26/699 (3.72%)	Mean 3.72%	SD 3.13%	Total	0/700 (0%)	Mean 0%	SD 0%
#All Organs: Mesothelioma: Malignan								
-		2/50 (4%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		3/50 (6%)	2/50 (4%)	3/49 (6%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		4/50 (8%)	1/50 (2%)	4/50 (8%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	4/50 (8%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	/		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	26/699 (3.72%)	Mean 3.72%	SD 3.13%	Total	0/700 (0%)	Mean 0%	SD 0%
#All Organs: Osteoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0,00 (0,0)		0/50 (0%)	0/50 (0%)	5,00 (0,0)
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
		1/033 (0.1470)				(/		

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
#All Organs: Osteosarcoma								
		1/50 (2%)	2/50 (4%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%) 2/50 (4%)	0/50 (0%) 1/50 (2%)	3/50 (6%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	13/699 (1.86%)	Mean 1.86%	SD 1.83%	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%
All Organs:								
Osteosarcoma or Osteoma		1/50 (2%)	2/50 (4%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	3/50 (6%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	2/50 (4%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	14/699 (2%)	Mean 2%	SD 1.92%	Total	3/700 (0.43%)	Mean 0.43%	SD 0.85%
Adrenal Cortex: Adenoma								
		1/50 (2%)	1/50 (2%)	1/50 (2%)		1/47 (2%)	3/50 (6%)	4/50 (8%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	1/50 (2%)		4/50 (8%)	3/50 (6%)	2/50 (4%)
		0/50 (0%) 1/50 (2%)	0/50 (0%) 4/49 (8%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	1/50 (2%)	8/50 (16%)
Overall Incidence	Total	1/50 (2%) 10/698 (1.43%)	4/49 (8%) Mean 1.44%	SD 2.18%	Total	0/50 (0%) 29/697 (4.16%)	2/50 (4%) Mean 4.15%	SD 4.47%
Adrenal Cortex: Carcinoma						()		
Varuniuna		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/47 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/49 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	2/698 (0.29%)	Mean 0.29%	SD 0.73%	Total	1/697 (0.14%)	Mean 0.14%	SD 0.53%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
*Adrenal Medulla:								
Pheochromocytoma Be	enign							
		6/50 (12%)	10/50 (20%)	7/50 (14%)		2/48 (4%)	2/50 (4%)	0/50 (0%)
		11/50 (22%)	4/50 (8%)	5/49 (10%)		2/50 (4%)	1/50 (2%)	3/50 (6%)
		11/49 (22%)	6/50 (12%)	5/50 (10%)		1/49 (2%)	2/50 (4%)	2/50 (4%)
		4/50 (8%)	4/50 (8%)	9/50 (18%)		1/50 (2%)	0/50 (0%)	2/50 (4%)
		11/49 (22%)	5/49 (10%)			0/48 (0%)	0/50 (0%)	
Overall Incidence	Total	98/696 (14.08%)	Mean 14.09%	SD 5.68%	Total	18/695 (2.59%)	Mean 2.59%	SD 2%
Adrenal Medulla:								
Pheochromocytoma Co	omplex							
		0/50 (0%)	1/50 (2%)	2/50 (4%)		1/48 (2%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/49 (0%)	1/50 (2%)	1/50 (2%)		0/49 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/49 (0%)	0/49 (0%)			0/48 (0%)	0/50 (0%)	
Overall Incidence	Total	5/696 (0.72%)	Mean 0.71%	SD 1.27%	Total	2/695 (0.29%)	Mean 0.29%	SD 0.74%
*Adrenal Medulla:								
Pheochromocytoma Ma	alignant							
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/48 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/49 (0%)	1/50 (2%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	4/50 (8%)		0/50 (0%)	1/50 (2%)	1/50 (2%)
		1/49 (2%)	2/49 (4%)			0/48 (0%)	1/50 (2%)	
Overall Incidence	Total	12/696 (1.72%)	Mean 1.72%	SD 2.34%	Total	3/695 (0.43%)	Mean 0.43%	SD 0.85%
*Adrenal Medulla:						••••••		
Pheochromocytoma: B	enign, Comple	x, Malignant, NOS						
······	J , F P	6/50 (12%)	11/50 (22%)	10/50 (20%)		3/48 (6%)	3/50 (6%)	0/50 (0%)
		12/50 (24%)	4/50 (8%)	5/49 (10%)		2/50 (4%)	1/50 (2%)	3/50 (6%)
		11/49 (22%)	8/50 (16%)	6/50 (12%)		1/49 (2%)	2/50 (4%)	2/50 (4%)
		5/50 (10%)	4/50 (8%)	12/50 (24%)		1/50 (2%)	1/50 (2%)	3/50 (6%)
		12/49 (24%)	6/49 (12%)			0/48 (0%)	1/50 (2%)	

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
#Blood Vessel: Leiomyosarcoma								
·		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
_								
Bone: Chordoma								
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
	-	0/50 (0%)	0/50 (0%)	00 0 500/	T ()	0/50 (0%)	0/50 (0%)	00.00/
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
fBone: Osteoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
	-	0/50 (0%)	1/50 (2%)	00 0 500/	T ()	0/50 (0%)	0/50 (0%)	00 0 500/
Verall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Bone: Osteosarcoma								
		1/50 (2%)	1/50 (2%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	3/50 (6%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	1/50 (2%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	12/699 (1.72%)	Mean 1.72%	SD 1.73%	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
#Bone:								
Osteosarcoma or Osteor	ma							
		1/50 (2%)	1/50 (2%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	3/50 (6%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	2/50 (4%)			0/50 (0%)	1/50 (2%)	
verall Incidence	Total	13/699 (1.86%)	Mean 1.86%	SD 1.83%	Total	3/700 (0.43%)	Mean 0.43%	SD 0.85%
Brain:								
Glioma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Brain: Glioma Benign								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Brain:								
Glioma Malignant								
5		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	. ,		0/50 (0%)	0/50 (0%)	. ,
Overall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
Brain:								
Oligodendroglioma, Glie	oma, or Astroc	ytoma						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	3/700 (0.43%)	Mean 0.43%	SD 0.85%
Brain:								
Osteosarcoma								
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
Clitoral/Preputial Gland: Adenoma								
		2/49 (4%)	4/50 (8%)	0/50 (0%)		12/50 (24%)	3/49 (6%)	1/50 (2%)
		4/50 (8%)	0/50 (0%)	0/49 (0%)		5/50 (10%)	1/50 (2%)	2/50 (4%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		6/50 (12%)	5/50 (10%)	7/50 (14%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		3/50 (6%)	3/50 (6%)	0/50 (0%)
		3/50 (6%)	2/50 (4%)			4/50 (8%)	4/47 (9%)	
Overall Incidence	Total	17/698 (2.44%)	Mean 2.43%	SD 3.06%	Total	56/696 (8.05%)	Mean 8.05%	SD 6.07%
Clitoral/Preputial Gland: Carcinoma								
		1/49 (2%)	2/50 (4%)	1/50 (2%)		2/50 (4%)	1/49 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/49 (2%)		0/50 (0%)	1/50 (2%)	2/50 (4%)
		3/50 (6%)	0/50 (0%)	2/50 (4%)		3/50 (6%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	4/50 (8%)
		0/50 (0%)	2/50 (4%)			7/50 (14%)	1/47 (2%)	· · /
Overall Incidence	Total	13/698 (1.86%)	Mean 1.86%	SD 2%	Total	22/696 (3.16%)	Mean 3.15%	SD 3.97%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Clitoral/Preputial Gland: Carcinoma or Adenoma								
		3/49 (6%)	6/50 (12%)	1/50 (2%)		14/50 (28%)	4/49 (8%)	1/50 (2%)
		4/50 (8%)	0/50 (0%)	1/49 (2%)		5/50 (10%)	2/50 (4%)	4/50 (8%)
		4/50 (8%)	0/50 (0%)	2/50 (4%)		9/50 (18%)	5/50 (10%)	7/50 (14%)
		0/50 (0%)	2/50 (4%)	0/50 (0%)		4/50 (8%)	3/50 (6%)	4/50 (8%)
		3/50 (6%)	4/50 (8%)	()		10/50 (20%)	5/47 (11%)	· · · ·
verall Incidence	Total	30/698 (4.3%)	Mean 4.3%	SD 3.83%	Total	77/696 (11.06%)	Mean 11.06%	SD 6.91%
Clitoral/Preputial Gland: Sarcoma								
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/47 (0%)	
verall Incidence	Total	0/698 (0%)	Mean 0%	SD 0%	Total	1/696 (0.14%)	Mean 0.14%	SD 0.53%
Ear: Neural Crest Tumor								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%
Eye: Melanoma Benign								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	. ,		0/50 (0%)	0/50 (0%)	. ,
Overall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
ŧEye:								
Melanoma Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Harderian Gland:								
Adenoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (09/)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/30 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%) 0/50 (0%)		2/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/00 (0/6)		0/50 (0%)	0/50 (0%)	0/00 (0/0)
Overall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	2/700 (0.29%)	Mean 0.29%	SD 1.07%
						· · · ·		1.07 /0
Harderian Gland: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	2/699 (0.29%)	Mean 0.29%	SD 0.73%	Total	0/700 (0%)	Mean 0%	SD 0%
Harderian Gland:								
Carcinoma or Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		2/50 (4%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	. ,		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/699 (0.29%)	Mean 0.29%	SD 0.73%	Total	2/700 (0.29%)	Mean 0.29%	SD 1.07%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
Heart:								
Schwannoma Benign								
		2/50 (4%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/699 (0.29%)	Mean 0.29%	SD 1.07%	Total	0/700 (0%)	Mean 0%	SD 0%
Heart:								
Schwannoma Malignan	it							
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	3/699 (0.43%)	Mean 0.43%	SD 1.16%	Total	0/700 (0%)	Mean 0%	SD 0%
#Intestine Large: Colon/R Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	. ,		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	3/699 (0.43%)	Mean 0.43%	SD 0.85%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Intestine Large: Colon/F Carcinoma or Adenom	Rectum:							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	. ,		0/50 (0%)	0/50 (0%)	. ,
Overall Incidence	Total	3/699 (0.43%)	Mean 0.43%	SD 0.85%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
#Intestine Small: Duodenum: Leiomyoma								
2		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Intestine Small: Duodenum: Schwannoma Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Intestine Small: Ileum: Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Intestine Small: Jejunum: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Verall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
#Intestine Small: Jejunu Leiomyoma	m:							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Verall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
Intestine Small: Jejunu Leiomyosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
#Intestine Small: Site Un Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Overall Incidence #Intestine Small: Site Un Carcinoma								
#Intestine Small: Site Un		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Intestine Small: Site Un						0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
#Intestine Small: Site Un		0/50 (0%)	0/50 (0%)	0/50 (0%)		()	()	()
Intestine Small: Site Un		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%) 0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Intestine Small: Site Un		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%) 0/50 (0%)	0/50 (0%) 0/49 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
Intestine Small: Site Un Carcinoma or Adenom								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
	T ()	0/50 (0%)	0/50 (0%)	00 0 500/	T	0/50 (0%)	0/50 (0%)	00 0 500/
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
#Intestine Small: Site Un Leiomyoma	specified:							
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	00.0.00/		0/50 (0%)	0/50 (0%)	00 0 000
Overall Incidence	Total	2/699 (0.29%)	Mean 0.29%	SD 0.73%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Intestine Small: Site Un Leiomyosarcoma	specified:							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Intestine Small: Site Un Schwannoma Malignar	specified:							
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Islets, Pancreatic: Adenoma								
		1/50 (2%)	0/50 (0%)	6/50 (12%)		1/49 (2%)	0/50 (0%)	2/50 (4%)
		4/50 (8%)	0/50 (0%)	4/49 (8%)		1/50 (2%)	1/50 (2%)	1/50 (2%)
		5/49 (10%)	2/50 (4%)	4/50 (8%)		3/49 (6%)	0/50 (0%)	0/50 (0%)
		3/50 (6%)	0/50 (0%)	3/50 (6%)		2/50 (4%)	1/50 (2%)	0/50 (0%)
verall Incidence	Total	18/50 (36%) 52/698 (7.45%)	2/50 (4%) Mean 7.45%	SD 9.07%	Total	3/50 (6%) 15/698 (2.15%)	0/50 (0%) Mean 2.15%	SD 2.16%
						(,		
slets, Pancreatic: Carcinoma								
		2/50 (4%)	3/50 (6%)	1/50 (2%)		0/49 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		3/49 (6%)	1/50 (2%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/50 (0%) 13/698 (1.86%)	2/50 (4%) Mean 1.87%	SD 2.3%	Total	0/50 (0%) 1/698 (0.14%)	0/50 (0%) Mean 0.14%	SD 0.53%
		. ,				· /		
slets, Pancreatic: Carcinoma or Adenoma								
		3/50 (6%)	3/50 (6%)	7/50 (14%)		1/49 (2%)	1/50 (2%)	2/50 (4%)
		4/50 (8%)	0/50 (0%)	4/49 (8%)		1/50 (2%)	1/50 (2%)	1/50 (2%)
		8/49 (16%)	3/50 (6%)	4/50 (8%)		3/49 (6%)	0/50 (0%)	0/50 (0%)
		3/50 (6%)	0/50 (0%)	4/50 (8%)		2/50 (4%)	1/50 (2%)	0/50 (0%)
verall Incidence	Total	18/50 (36%)	4/50 (8%) Mean 9.32%	SD 8.81%	Total	3/50 (6%)	0/50 (0%) Mean 2.3%	SD 2.07%
verali incidence	Total	65/698 (9.31%)			Total	16/698 (2.29%)		JU 2.01%
Kidney: Pelvis and Transitic Papilloma	onal Epitheli	um:						
		0/48 (0%)	1/50 (2%)	0/50 (0%)		0/44 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
	-	0/50 (0%)	0/50 (0%)	00.0503	-	0/50 (0%)	0/50 (0%)	00.001
verall Incidence	Total	1/697 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/692 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
Kidney: Renal Tubule: Adenoma								
		0/48 (0%)	1/50 (2%)	0/50 (0%)		0/44 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	4/697 (0.57%)	Mean 0.57%	SD 0.94%	Total	0/692 (0%)	Mean 0%	SD 0%
Kidney: Renal Tubule: Carcinoma								
		0/48 (0%)	0/50 (0%)	0/50 (0%)		0/44 (0%)	1/49 (2%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/697 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/692 (0.14%)	Mean 0.15%	SD 0.55%
Kidney: Renal Tubule: Carcinoma or Adenoma								
		0/48 (0%)	1/50 (2%)	0/50 (0%)		0/44 (0%)	1/49 (2%)	0/50 (0%)
		0/50 (0%)	2/50 (4%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Verall Incidence	Total	5/697 (0.72%)	Mean 0.71%	SD 1.27%	Total	1/692 (0.14%)	Mean 0.15%	SD 0.55%
Kidney: Renal Tubule: Lipoma								
		0/48 (0%)	0/50 (0%)	0/50 (0%)		0/44 (0%)	0/49 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/697 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/692 (0.14%)	Mean 0.14%	SD 0.53%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
Kidney: Renal Tubule:								
Mesenchymal Tumor Malig	nant							
		0/48 (0%)	0/50 (0%)	0/50 (0%)		1/44 (2%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	00.0.000		0/50 (0%)	0/50 (0%)	00 • • • • • •
Verall Incidence	Total	1/697 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/692 (0.14%)	Mean 0.16%	SD 0.61%
Kidney: Renal Tubule: Sarcoma								
		0/48 (0%)	0/50 (0%)	0/50 (0%)		0/44 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/697 (0%)	Mean 0%	SD 0%	Total	1/692 (0.14%)	Mean 0.14%	SD 0.53%
Liver: Hepatocellular Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	0/50 (0%)	3/50 (6%)		0/50 (0%)	0/50 (0%)	2/50 (4%)
		1/50 (2%)	0/50 (0%)	1/50 (2%)		2/50 (4%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	10/699 (1.43%)	Mean 1.43%	SD 1.83%	Total	6/700 (0.86%)	Mean 0.86%	SD 1.51%
Liver: Hepatocellular Carcinoma								
•		0/50 (0%)	2/50 (4%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	. ,		0/50 (0%)	0/50 (0%)	· · /
Overall Incidence	Total	4/699 (0.57%)	Mean 0.57%	SD 1.22%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

				Male					Female	
*Liver:										
Hepatocellular Carcinor	na or Hepatobl	astoma								
		,	%) 2/50	()	0/50	(0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		```	%) 1/50	· · ·	0/49	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		(	%) 0/50	( )	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		,	%) 0/50	( )	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		,	%) 0/50	· · ·				0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	4/699 (0.57%)		0.57%	SD 1.22%		Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
*Liver:		••••••								
Hepatocellular Carcinor	na or Hepatoce	llular Adenoma								
•	•		%) 2/50	) (4%)	0/50	(0%)		0/50 (0%)	1/50 (2%)	1/50 (2%)
		0/50 (0	%) 1/50	) (2%)	1/49	(2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4	%) 0/50	) (0%)	3/50	(6%)		0/50 (0%)	0/50 (0%)	2/50 (4%)
		1/50 (2	%) 0/50	) (0%)	1/50	(2%)		2/50 (4%)	0/50 (0%)	0/50 (0%)
		(	%) 1/50	) (2%)				0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	14/699 (2%)	Mea	n 2%	SD 1.92%		Total	7/700 (1%)	Mean 1%	SD 1.52%
*Liver: Hepatocellular Carcinor			epatoblastoma							
		(	%) 2/50	( )	0/50	(0%)		0/50 (0%)	1/50 (2%)	1/50 (2%)
		(	%) 1/50	( )	1/49	(2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4	%) 0/50	· · ·	3/50	(6%)		0/50 (0%)	0/50 (0%)	2/50 (4%)
									0/50 (0%)	
		1/50 (2	,	· · ·	1/50	(2%)		2/50 (4%)	( )	0/50 (0%)
<b>-</b>	<b>T</b> . 1	2/50 (4	%) 1/50	) (2%)		· /	<b>T</b>	0/50 (0%)	1/50 (2%)	· · · ·
Overall Incidence	Total	2/50 (4 14/699 (2%)	%) 1/50 Mea	) (2%) n 2%	SD 1.92%		Total	0/50 (0%) 7/700 (1%)	1/50 (2%) Mean 1%	SD 1.52%
Overall Incidence *Liver: Ito Cell Tumor Benign		2/50 (4 14/699 (2%)	%) 1/50 Mea	) (2%) n 2%	SD 1.92%			0/50 (0%) 7/700 (1%)	1/50 (2%) Mean 1%	SD 1.52%
*Liver:		2/50 (4 14/699 (2%)	%) 1/50 Mea	) (2%) n 2%	SD 1.92%			0/50 (0%) 7/700 (1%)	1/50 (2%) Mean 1%	SD 1.52%
*Liver:		2/50 (4 14/699 (2%) 1/50 (2	%) 1/50 Mea	) (2%) n 2%	SD 1.92%			0/50 (0%) 7/700 (1%)	1/50 (2%) Mean 1%	SD 1.52%
Liver:		2/50 (4 14/699 (2%) 1/50 (2 0/50 (0	%) 1/50 Mea	) (2%) n 2% ) (0%) ) (0%)	SD 1.92% 0/50	(0%)		0/50 (0%) 7/700 (1%) 0/50 (0%)	1/50 (2%) Mean 1% 0/50 (0%)	SD 1.52% 0/50 (0%)
*Liver:		2/50 (4 14/699 (2%) 1/50 (2 0/50 (0 0/50 (0	%) 1/50 Mea %) 0/50 %) 0/50	) (2%) n 2% ) (0%) ) (0%) ) (0%)	SD 1.92% 0/50 0/49	(0%) (0%)		0/50 (0%) 7/700 (1%) 0/50 (0%) 0/50 (0%)	1/50 (2%) Mean 1% 0/50 (0%) 0/50 (0%)	SD 1.52% 0/50 (0%) 0/50 (0%)
*Liver:		2/50 (4 14/699 (2%) 1/50 (2 0/50 (0 0/50 (0 0/50 (0	%) 1/50 Mea %) 0/50 %) 0/50 %) 0/50	) (2%) n 2% ) (0%) ) (0%) ) (0%) ) (0%)	SD 1.92% 0/50 0/49 0/50	(0%) (0%) (0%)		0/50 (0%) 7/700 (1%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) Mean 1% 0/50 (0%) 0/50 (0%) 0/50 (0%)	SD 1.52% 0/50 (0%) 0/50 (0%) 0/50 (0%)

*: Denominator is number of animals with tissues examined microscopically

## Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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					Male						F	emale		
*Lung:														
Alveolar/Bronchiolar	Adenoma													
		1/50	(2%)	2/50	(4%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	2/49	(4%)		4/50	(8%)	1/50	(2%)	0/50	(0%)
		2/50	(4%)	0/50	(0%)	3/50	(6%)		1/50	(2%)	1/50	(2%)	0/50	(0%)
		1/50	(2%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	3/50	(6%)				0/50	(0%)	1/50	(2%)		
Overall Incidence	Total	17/699 (2.43	,	Mean 2.		SD 2.119		Total	9/700 (1.2	29%)	Mean	1.29%	SD 2	.16%
Lung:														
Alveolar/Bronchiolar (	Carcinoma													
		1/50	(2%)	1/50	(2%)	1/50	(2%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/49	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		3/50	(6%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	9/699 (1.29	%)	Mean 1.	29%	SD 1.699	%	Total	1/700 (0.1	14%)	Mean	0.14%	SD 0	53%
										•••••				
		veolar/Bronchiol	ar Adeno	ma					····· ``	·····				
*Lung:		veolar/Bronchiol 2/50	ar Adeno (4%)	<b>ma</b> 3/50	(6%)	1/50	(2%)		0/50	(0%)	2/50	(4%)	0/50	(0%)
*Lung:		veolar/Bronchiol 2/50 1/50	ar Adeno (4%) (2%)	<b>ma</b> 3/50 0/50	(6%) (0%)	1/50 2/49	(2%) (4%)		0/50 4/50	(0%) (8%)	2/50 1/50	(4%) (2%)	0/50 0/50	(0%) (0%)
*Lung:		<b>veolar/Bronchiol</b> 2/50 1/50 2/50	ar Adeno (4%) (2%) (4%)	<b>ma</b> 3/50 0/50 0/50	(6%) (0%) (0%)	1/50 2/49 3/50	(2%) (4%) (6%)		0/50 4/50 1/50	(0%) (8%) (2%)	2/50 1/50 1/50	(4%) (2%) (2%)	0/50 0/50 0/50	(0%) (0%) (0%)
*Lung:		veolar/Bronchiol 2/50 1/50 2/50 4/50	ar Adeno (4%) (2%) (4%) (8%)	ma 3/50 0/50 0/50 1/50	(6%) (0%) (0%) (2%)	1/50 2/49	(2%) (4%)		0/50 4/50 1/50 0/50	(0%) (8%) (2%) (0%)	2/50 1/50 1/50 0/50	(4%) (2%) (2%) (0%)	0/50 0/50	(0%) (0%)
'Lung: Alveolar/Bronchiolar (		<b>veolar/Bronchiol</b> 2/50 1/50 2/50	ar Adeno (4%) (2%) (4%) (8%) (4%)	<b>ma</b> 3/50 0/50 0/50	(6%) (0%) (0%) (2%) (6%)	1/50 2/49 3/50	(2%) (4%) (6%) (2%)		0/50 4/50 1/50	(0%) (8%) (2%) (0%) (0%)	2/50 1/50 1/50 0/50 1/50	(4%) (2%) (2%)	0/50 0/50 0/50	(0%) (0%) (0%) (0%)
'Lung: Alveolar/Bronchiolar ( Overall Incidence	Carcinoma or Alv	veolar/Bronchiol 2/50 1/50 2/50 4/50 2/50 25/699 (3.58	ar Adeno (4%) (2%) (4%) (8%) (4%) 3%)	ma 3/50 0/50 0/50 1/50 3/50 Mean 3.	(6%) (0%) (0%) (2%) (6%) 58%	1/50 2/49 3/50 1/50 SD 2.385	(2%) (4%) (6%) (2%) %	Total	0/50 4/50 1/50 0/50 0/50 10/700 (1.	(0%) (8%) (2%) (0%) (0%) 43%)	2/50 1/50 1/50 0/50 1/50 Mean	(4%) (2%) (2%) (0%) (2%) 1.43%	0/50 0/50 0/50 0/50 SD 2	(0%) (0%) (0%) (0%) .28%
'Lung: Alveolar/Bronchiolar ( Overall Incidence	Carcinoma or Alv	veolar/Bronchiol 2/50 1/50 2/50 4/50 2/50 25/699 (3.58	ar Adeno (4%) (2%) (4%) (8%) (4%) 3%)	ma 3/50 0/50 0/50 1/50 3/50 Mean 3.	(6%) (0%) (0%) (2%) (6%) 58%	1/50 2/49 3/50 1/50 SD 2.385	(2%) (4%) (6%) (2%) %	Total	0/50 4/50 1/50 0/50 0/50 10/700 (1.	(0%) (8%) (2%) (0%) (0%) 43%)	2/50 1/50 1/50 0/50 1/50 Mean	(4%) (2%) (2%) (0%) (2%) 1.43%	0/50 0/50 0/50 0/50 SD 2	(0%) (0%) (0%) (0%) .28%
'Lung: Alveolar/Bronchiolar ( Dverall Incidence 'Lung:	Carcinoma or Alv	veolar/Bronchiol 2/50 1/50 2/50 4/50 2/50 25/699 (3.58	ar Adeno (4%) (2%) (4%) (8%) (4%) 3%)	ma 3/50 0/50 0/50 1/50 3/50 Mean 3.	(6%) (0%) (0%) (2%) (6%) 58%	1/50 2/49 3/50 1/50 SD 2.385	(2%) (4%) (6%) (2%) %	Total	0/50 4/50 1/50 0/50 0/50 10/700 (1.	(0%) (8%) (2%) (0%) (0%) 43%)	2/50 1/50 1/50 0/50 1/50 Mean	(4%) (2%) (2%) (0%) (2%) 1.43%	0/50 0/50 0/50 0/50 SD 2	(0%) (0%) (0%) (0%) .28%
'Lung: Alveolar/Bronchiolar ( Dverall Incidence 'Lung:	Carcinoma or Alv	veolar/Bronchiol 2/50 1/50 2/50 4/50 2/50 25/699 (3.58	ar Adeno (4%) (2%) (4%) (8%) (4%) 3%)	ma 3/50 0/50 0/50 1/50 3/50 Mean 3.	(6%) (0%) (0%) (2%) (6%) 58%	1/50 2/49 3/50 1/50 SD 2.389	(2%) (4%) (6%) (2%) %	Total	0/50 4/50 1/50 0/50 0/50 10/700 (1.	(0%) (8%) (2%) (0%) (0%) 43%)	2/50 1/50 1/50 0/50 1/50 Mean	(4%) (2%) (2%) (0%) (2%) 1.43%	0/50 0/50 0/50 0/50 SD 2	(0%) (0%) (0%) (0%) .28%
*Lung: Alveolar/Bronchiolar ( Overall Incidence *Lung:	Carcinoma or Alv	veolar/Bronchiol 2/50 1/50 2/50 4/50 2/50 25/699 (3.58 0/50	ar Adeno (4%) (2%) (4%) (8%) (4%) 3%) (0%)	ma 3/50 0/50 0/50 1/50 3/50 Mean 3. 0/50	(6%) (0%) (0%) (2%) (6%) 58% (0%)	1/50 2/49 3/50 1/50 SD 2.389	(2%) (4%) (6%) (2%) % (0%)	Total	0/50 4/50 1/50 0/50 0/50 10/700 (1.	(0%) (8%) (2%) (0%) (0%) 43%)	2/50 1/50 1/50 0/50 1/50 Mean 0/50	(4%) (2%) (2%) (0%) (2%) 1.43%	0/50 0/50 0/50 0/50 SD 2 0/50	(0%) (0%) (0%) (0%) .28%
*Lung: Alveolar/Bronchiolar ( Overall Incidence *Lung:	Carcinoma or Alv	veolar/Bronchiol 2/50 1/50 2/50 4/50 2/50 25/699 (3.58 0/50 0/50	ar Adeno (4%) (2%) (4%) (8%) (4%) 3%) (0%)	ma 3/50 0/50 1/50 3/50 Mean 3. 0/50 0/50	(6%) (0%) (0%) (2%) (6%) 58% (0%) (0%)	1/50 2/49 3/50 1/50 SD 2.389 0/50 0/49	(2%) (4%) (6%) (2%) % (0%) (0%)	Total	0/50 4/50 1/50 0/50 0/50 10/700 (1. 0/50 0/50	(0%) (8%) (2%) (0%) (0%) 43%) 	2/50 1/50 1/50 0/50 1/50 Mean 0/50 0/50	(4%) (2%) (2%) (0%) (2%) 1.43% (0%) (0%)	0/50 0/50 0/50 0/50 SD 2 0/50 1/50	(0%) (0%) (0%) (0%) .28% (0%) (2%)
'Lung: Alveolar/Bronchiolar ( Overall Incidence 'Lung:	Carcinoma or Alv	veolar/Bronchiol 2/50 1/50 2/50 4/50 2/50 25/699 (3.58 0/50 0/50 0/50	ar Adeno (4%) (2%) (4%) (8%) (4%) 3%) (0%) (0%) (0%)	ma 3/50 0/50 1/50 3/50 Mean 3. 0/50 0/50 0/50	(6%) (0%) (2%) (6%) 58% (0%) (0%) (0%)	1/50 2/49 3/50 1/50 SD 2.389 0/50 0/50	(2%) (4%) (6%) (2%) % (0%) (0%) (0%)	Total	0/50 4/50 1/50 0/50 0/50 10/700 (1. 0/50 0/50 0/50	(0%) (8%) (2%) (0%) (0%) 43%) 	2/50 1/50 0/50 1/50 Mean 0/50 0/50 0/50	(4%) (2%) (2%) (0%) (2%) 1.43% (0%) (0%) (0%)	0/50 0/50 0/50 SD 2 0/50 1/50 0/50	(0%) (0%) (0%) (0%) .28% (0%) (2%) (0%)

*: Denominator is number of animals with tissues examined microscopically

## Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
#Mammary Gland: Adenolipoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Mommon, Cland								
#Mammary Gland: Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	2/50 (4%)	2/50 (4%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			4/50 (8%)	0/50 (0%)	
Overall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	13/700 (1.86%)	Mean 1.86%	SD 2.41%
Mammary Gland: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	4/50 (8%)	9/50 (18%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	1/50 (2%)	2/50 (4%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	2/50 (4%)	3/50 (6%)
		0/50 (0%)	0/50 (0%)			3/50 (6%)	5/50 (10%)	
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	35/700 (5%)	Mean 5%	SD 4.69%
Mammary Gland: Carcinoma or Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		3/50 (6%)	4/50 (8%)	10/50 (20%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	2/50 (4%)	3/50 (6%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		3/50 (6%)	1/50 (2%)	2/50 (4%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		3/50 (6%)	2/50 (4%)	3/50 (6%)
		0/50 (0%)	0/50 (0%)			6/50 (12%)	5/50 (10%)	
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	47/700 (6.71%)	Mean 6.71%	SD 4.87%

*: Denominator is number of animals with tissues examined microscopically

## Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
#Mammary Gland:								
Fibroadenoma		e/=e						
		3/50 (6%)	2/50 (4%)	2/50 (4%)		26/50 (52%)	25/50 (50%)	27/50 (54%)
		2/50 (4%)	2/50 (4%)	0/49 (0%)		23/50 (46%)	32/50 (64%)	24/50 (48%)
		2/50 (4%)	0/50 (0%)	1/50 (2%)		19/50 (38%)	29/50 (58%)	34/50 (68%)
		0/50 (0%) 1/50 (2%)	1/50 (2%) 1/50 (2%)	1/50 (2%)		24/50 (48%) 22/50 (44%)	36/50 (72%) 37/50 (74%)	14/50 (28%)
Overall Incidence	Total	18/699 (2.58%)	Mean 2.57%	SD 1.83%	Total	372/700 (53.14%)	Mean 53.14%	SD 13.05%
	•••••		•••••		•••••	· · · · · · · · · · · · · · · · · · ·		
#Mammary Gland: Fibroma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
#Mammary Gland: Fibroma, Fibroadenoma								
		3/50 (6%)	2/50 (4%)	2/50 (4%)		28/50 (56%)	25/50 (50%)	27/50 (54%)
		2/50 (4%)	2/50 (4%)	0/49 (0%)		23/50 (46%)	33/50 (66%)	25/50 (50%)
		2/50 (4%)	0/50 (0%)	1/50 (2%)		19/50 (38%)	29/50 (58%)	34/50 (68%)
		0/50 (0%)	1/50 (2%)	1/50 (2%)		25/50 (50%)	36/50 (72%)	14/50 (28%)
		1/50 (2%)	1/50 (2%)			25/50 (50%)	37/50 (74%)	
Overall Incidence	Total	18/699 (2.58%)	Mean 2.57%	SD 1.83%	Total	380/700 (54.29%)	Mean 54.29%	SD 12.84%
	•••••							
#Mammary Gland: Fibroma, Fibroadenoma	a, Carcinoma, o	r Adenoma						
#Mammary Gland:	a, Carcinoma, o	r Adenoma 3/50 (6%)	2/50 (4%)	2/50 (4%)		30/50 (60%)	27/50 (54%)	30/50 (60%)
#Mammary Gland:	a, Carcinoma, o		2/50 (4%) 2/50 (4%)	2/50 (4%) 0/49 (0%)		30/50 (60%) 23/50 (46%)	27/50 (54%) 33/50 (66%)	30/50 (60%) 26/50 (52%)
#Mammary Gland:	a, Carcinoma, o	3/50 (6%)	( )	( )		( )	( )	( /
#Mammary Gland:	a, Carcinoma, o	3/50 (6%) 2/50 (4%)	2/50 (4%) 0/50 (0%)	0/49 (0%)		23/50 (46%)	33/50 (66%)	26/50 (52%)
#Mammary Gland:	a, Carcinoma, o	3/50 (6%) 2/50 (4%) 2/50 (4%)	2/50 (4%) 0/50 (0%)	0/49 (0%) 1/50 (2%)		23/50 (46%) 21/50 (42%)	33/50 (66%) 30/50 (60%)	26/50 (52%) 34/50 (68%)

*: Denominator is number of animals with tissues examined microscopically

## Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			I	Male					Female	
#Mesentery:						· · · · ·				
Fibrous Histiocytoma										
		0/50 (0	,	(0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0	,	(0%)	0/49	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0	,	(0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2		(0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
			%) 0/50	(0%)				0/50 (0%)	0/50 (0%)	
verall Incidence	Total	1/699 (0.14%)	Mean 0.		SD 0.53%		Total	0/700 (0%)	Mean 0%	SD 0%
Mesentery:										
Schwannoma Malignant										
_		0/50 (0	%) 0/50	(0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0	%) 0/50	(0%)	0/49	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2	%) 0/50	(0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		```	%) 0/50	(0%)	0/50	(0%)		2/50 (4%)	0/50 (0%)	0/50 (0%)
		0/50 (0	%) 0/50	(0%)				0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/699 (0.14%)	Mean 0.7		SD 0.53%		Total	2/700 (0.29%)	Mean 0.29%	SD 1.07%
Nose: Adenoma										
		0/50 (0	%) 0/50	(0%)	0/49	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0	%) 0/50	(0%)	0/49	(0%)		0/49 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0	%) 0/50	(0%)	0/50	(0%)		0/48 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0	%) 0/50	(0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0	%) 0/49	(0%)				0/50 (0%)	0/50 (0%)	. ,
Verall Incidence	Total	0/697 (0%)	Mean (SD 0%		Total	1/697 (0.14%)	Mean 0.14%	SD 0.53%
Oral Cavity (Oral Mucosa Papilloma Squamous or	, Tongue, Phar									
	-	0/50 (0	%) 0/50	(0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0	%) 0/50	(0%)	1/49	(2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0	%) 0/50	(0%)	0/50	(0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0	%) 0/50	(0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2	%) 0/50	(0%)				0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/699 (0.29%)	Mean 0.2	20%	SD 0.73%	4	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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					Male						F	emale		
Oral Cavity (Oral Mucosa Squamous Cell Carcinor		ynx, Tooth, Gin	giva):											
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	1/50	(2%)		
verall Incidence	Total	3/699 (0.43		Mean 0	43%	SD 0.85%	%	Total	3/700 (0.	43%)	Mean	0.43%	SD 0.	.85%
Oral Cavity (Oral Mucosa Squamous Cell Carcinor	, Tongue, Phar	ynx, Tooth, Gin	giva):											
•		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/49	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	1/50	(2%)
		1/50	(2%)	0/50	(0%)				0/50	(0%)	1/50	(2%)		
Overall Incidence	Total	5/699 (0.72		Mean 0		SD 1%		Total	4/700 (0.	,		0.57%	SD 0.	
¢Oral Mucosa: Squamous Cell Carcinor														
-		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	2/699 (0.29		Mean 0		SD 0.739		Total	1/700 (0.	,		0.14%	SD 0.	
Oral Mucosa: Squamous Cell Papillom														
-		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/49	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)		. ,		0/50	(0%)	0/50	(0%)		. ,
Overall Incidence	Total	1/699 (0.14	0()	Mean 0	4 -0/	SD 0.55%	×	Total	0/700 (00()	Maa	n 0%	SD	00/

*: Denominator is number of animals with tissues examined microscopically

Version: Jun2013
Contract/Lab: All Laboratories
Species: RATS
Strain: F 344/N
Length of Study: CHRONIC

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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Male			Female	
Ovary:				
Cystadenoma				
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Ovary:				
Fibrosarcoma		0/50 (00()	0/50 (00/)	0/50 (00/)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
		()	()	0/50 (0%)
Normal Institution	T - 1 - 1	()	0/50 (0%)	00 0 500/
Dverall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Ovary: Granulosa Cell Tumor Benign				
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%
Ovary: Granulosa Cell Tumor Malignant				
		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0,00 (0,0)
		.,	3, 6 6 (6, 3)	

Version: Jun2013 Contract/Lab: All Laboratories Species: RATS Strain: F 344/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES		Page: 28 Report Date: 05/24/2013			
	Male	Female				
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS						
		1/50 (2%) 0/50 (0%) 1/50 (2%) 1/50 (2%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)		
Overall Incidence	Total	1/50 (2%) 4/700 (0.57%)	0/50 (0%) Mean 0.57%	SD 0.94%		
*Ovary: Granulosa-Theca Tumor Malignant						
J		0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	2/50 (4%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)		
Overall Incidence	Total	0/50 (0%) 3/700 (0.43%)	1/50 (2%) Mean 0.43%	SD 1.16%		
Ovary: Schwannoma Malignant						
J		0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%)		
Overall Incidence	Total	0/50 (0%) 1/700 (0.14%)	0/50 (0%) Mean 0.14%	SD 0.53%		
*Ovary: Sertoli Cell Tumor Malignant						
		0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)		
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%		

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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					Male						F	emale		
Ovary:														
Tubulostromal Adenoma														
									0/50	(0%)	0/50	(0%)	0/50	(0%)
									1/50	(2%)	0/50	(0%)	0/50	(0%)
									0/50	(0%)	0/50	(0%)	0/50	(0%)
									0/50	(0%)	0/50	(0%)	0/50	(0%)
									0/50	(0%)	0/50	(0%)		
Overall Incidence								Total	1/700 (0.	.14%)	Mean	0.14%	SD 0.	.53%
Pancreas:														
Adenoma														
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/49	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/49	(0%)	0/50	(0%)	1/49	(2%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	4/696 (0.57	,	Mean 0		SD 0.95%		Total	1/698 (0.			0.14%	SD 0.	
Pancreas: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/49	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/49	(0%)	0/50	(0%)	1/49	(2%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	4/696 (0.57	,	Mean 0		SD 0.95%		Total	1/698 (0.	,		0.14%	SD 0.	.53%
Pancreas: Mixed Tumor Benign														
		1/50	(2%)	0/50	(0%)	0/49	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/49	(0%)	0/50	(0%)	0/49	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0,00	(0,0)		0/50	(0%)	0/50	(0%)	0,00	(0,0)
Overall Incidence	Total	3/696 (0.43	. ,	Mean 0	()	SD 0.85%		Total	0/698 (()		n 0%	SD	

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
Parathyroid Gland: Adenoma								
		0/48 (0%)	0/46 (0%)	0/48 (0%)		0/47 (0%)	0/47 (0%)	1/43 (2%)
		0/47 (0%)	0/50 (0%)	1/49 (2%)		1/38 (3%)	0/48 (0%)	0/44 (0%)
		0/49 (0%)	0/49 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/47 (0%)
		0/50 (0%)	0/35 (0%)	0/48 (0%)		0/49 (0%)	0/48 (0%)	0/49 (0%)
		0/45 (0%)	0/50 (0%)			0/45 (0%)	0/49 (0%)	
verall Incidence	Total	1/664 (0.15%)	Mean 0.15%	SD 0.55%	Total	3/654 (0.46%)	Mean 0.5%	SD 1%
Pituitary Gland: Pars Di Adenoma								
		24/50 (48%)	37/50 (74%)	31/50 (62%)		25/50 (50%)	35/50 (70%)	29/50 (58%)
		38/50 (76%)	20/50 (40%)	21/49 (43%)		34/50 (68%)	16/50 (32%)	29/50 (58%)
		33/50 (66%)	23/50 (46%)	28/50 (56%)		31/50 (62%)	31/50 (62%)	30/50 (60%)
		33/50 (66%)	16/50 (32%)	36/50 (72%)		25/50 (50%)	22/50 (44%)	36/49 (73%)
		34/49 (69%)	34/50 (68%)			36/50 (72%)	32/50 (64%)	
Overall Incidence	Total	408/698 (58.45%)	Mean 58.45%	SD 14.21%	Total	411/699 (58.8%)	Mean 58.82%	SD 11.58%
Pituitary Gland: Pars Di Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	2/50 (4%)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)		1/50 (2%) 2/50 (4%)	0/50 (0%) 0/50 (0%)	2/50 (4%) 1/50 (2%)
		()	· · /	()		()	()	()
		0/50 (0%)	0/50 (0%)	0/49 (0%)		2/50 (4%) 2/50 (4%) 0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%) 2/50 (4%)	0/50 (0%) 1/50 (2%)	0/49 (0%) 0/50 (0%)		2/50 (4%) 2/50 (4%)	0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)
	Total	0/50 (0%) 2/50 (4%) 0/50 (0%) 0/49 (0%) 4/698 (0.57%)	0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) Mean 0.57%	0/49 (0%) 0/50 (0%) 1/50 (2%) SD 1.22%	Total	2/50 (4%) 2/50 (4%) 0/50 (0%) 2/50 (4%) 11/699 (1.57%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)
	istalis or Unspe	0/50 (0%) 2/50 (4%) 0/50 (0%) 0/49 (0%) 4/698 (0.57%)	0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) Mean 0.57%	0/49 (0%) 0/50 (0%) 1/50 (2%)		2/50 (4%) 2/50 (4%) 0/50 (0%) 2/50 (4%) 11/699 (1.57%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%)	1/50 (2%) 0/50 (0%) 0/49 (0%)
Pituitary Gland: Pars Di	istalis or Unspe	0/50 (0%) 2/50 (4%) 0/50 (0%) 0/49 (0%) 4/698 (0.57%)	0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) Mean 0.57%	0/49 (0%) 0/50 (0%) 1/50 (2%) SD 1.22%		2/50 (4%) 2/50 (4%) 0/50 (0%) 2/50 (4%) 11/699 (1.57%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%)	1/50 (2%) 0/50 (0%) 0/49 (0%)
Pituitary Gland: Pars Di	istalis or Unspe	0/50 (0%) 2/50 (4%) 0/50 (0%) 0/49 (0%) 4/698 (0.57%)	0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) Mean 0.57%	0/49 (0%) 0/50 (0%) 1/50 (2%) SD 1.22%		2/50 (4%) 2/50 (4%) 0/50 (0%) 2/50 (4%) 11/699 (1.57%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%) Mean 1.57%	1/50 (2%) 0/50 (0%) 0/49 (0%) SD 1.79%
Pituitary Gland: Pars Di	istalis or Unspe	0/50 (0%) 2/50 (4%) 0/50 (0%) 0/49 (0%) 4/698 (0.57%) cified Site: 24/50 (48%)	0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) Mean 0.57% 37/50 (74%)	0/49 (0%) 0/50 (0%) 1/50 (2%) SD 1.22% 31/50 (62%)		2/50 (4%) 2/50 (4%) 0/50 (0%) 2/50 (4%) 11/699 (1.57%) 26/50 (52%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%) Mean 1.57% 35/50 (70%)	1/50 (2%) 0/50 (0%) 0/49 (0%) SD 1.79% 31/50 (62%)
Pituitary Gland: Pars Di	istalis or Unspe	0/50 (0%) 2/50 (4%) 0/50 (0%) 0/49 (0%) 4/698 (0.57%) cified Site: 24/50 (48%) 38/50 (76%)	0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) Mean 0.57% 37/50 (74%) 20/50 (40%)	0/49 (0%) 0/50 (0%) 1/50 (2%) SD 1.22% 31/50 (62%) 21/49 (43%)		2/50 (4%) 2/50 (4%) 0/50 (0%) 2/50 (4%) 11/699 (1.57%) 26/50 (52%) 36/50 (72%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%) Mean 1.57% 35/50 (70%) 16/50 (32%)	1/50 (2%) 0/50 (0%) 0/49 (0%) SD 1.79% 31/50 (62%) 30/50 (60%)
Pituitary Gland: Pars Di	istalis or Unspe	0/50 (0%) 2/50 (4%) 0/50 (0%) 0/49 (0%) 4/698 (0.57%) cified Site: 24/50 (48%) 38/50 (76%) 35/50 (70%)	0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) Mean 0.57% 37/50 (74%) 20/50 (40%) 24/50 (48%)	0/49 (0%) 0/50 (0%) 1/50 (2%) SD 1.22% 31/50 (62%) 21/49 (43%) 28/50 (56%)		2/50 (4%) 2/50 (4%) 0/50 (0%) 2/50 (4%) 11/699 (1.57%) 26/50 (52%) 36/50 (72%) 33/50 (66%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%) Mean 1.57% 35/50 (70%) 16/50 (32%) 31/50 (62%)	1/50 (2%) 0/50 (0%) 0/49 (0%) SD 1.79% 31/50 (62%) 30/50 (60%) 30/50 (60%)

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
Pituitary Gland: Pars Dis Ganglioneuroma	stalis or Unspec	ified Site:						
•		0/50 (0%)	0/50 (0%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/49 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/698 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%
Pituitary Gland: Pars Into Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/49 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/49 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	2/698 (0.29%)	Mean 0.29%	SD 0.73%	Total	3/699 (0.43%)	Mean 0.43%	SD 0.85%
Pituitary Gland: Pars Inte Carcinoma or Adenoma	ermedia:							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/49 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/49 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	2/698 (0.29%)	Mean 0.29%	SD 0.73%	Total	3/699 (0.43%)	Mean 0.43%	SD 0.85%
Pituitary Gland: Pars Ne Craniopharyngioma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/49 (0%)	0/50 (0%)	. ,		1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/698 (0%)	Mean 0%	SD 0%	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
*Prostate:								
Adenoma								
		2/50 (4%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	1/50 (2%)	0/49 (0%)				
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)				
		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	3/698 (0.43%)	Mean 0.43%	SD 1.16%				
		· · ·						
Prostate:								
Carcinoma or Adenoma		2/50 (4%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	1/50 (2%)	0/49 (0%)				
		0/50 (0%)	0/50 (0%)	0/49 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	3/698 (0.43%)	Mean 0.43%	SD 1.16%				
Salivary Glands: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Verall Incidence	Total	2/699 (0.29%)	Mean 0.29%	SD 0.73%	Total	0/700 (0%)	Mean 0%	SD 0%
Salivary Glands: Carcinoma or Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/699 (0.29%)	Mean 0.29%	SD 0.73%	Total	0/700 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
Salivary Glands:								
Sarcoma			0/50 (00()			0/50 (00/)		0/50 (00/)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/49 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Verall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
Salivary Glands: Schwannoma Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
	T . (.)	0/50 (0%)	0/50 (0%)	00 0 50%	Tatal	0/50 (0%)	0/50 (0%)	00.00/
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
Seminal Vesicle: Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	1/50 (2%)	0/49 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
	T . (.)	0/50 (0%)	0/50 (0%)	00 0 50%				
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%				
Skeletal Muscle: Fibrous Histiocytoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/699 (0.14%)	Mean 0.15%	SD 0.55%	Total	0/700 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
#Skeletal Muscle:								
Lipoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
#Skin:								
Basal Cell Adenoma								
		1/50 (2%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	2/49 (4%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	· · ·		1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	9/699 (1.29%)	Mean 1.29%	SD 1.28%	Total	5/700 (0.71%)	Mean 0.71%	SD 0.99%
#Skin:								
Basal Cell Adenoma o	or Basosquamou	s Tumor Benign						
	•	1/50 (2%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	2/49 (4%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)			1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	9/699 (1.29%)	Mean 1.29%	SD 1.28%	Total	5/700 (0.71%)	Mean 0.71%	SD 0.99%
#Skin: Basal Cell Adenoma F	Basosquamous	rumor Benign, or Tricho	nithelioma					
Busar Ven Adenoma, I	Bassoquanious	3/50 (6%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	2/49 (4%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		()	()	1/50 (2/0)		()	()	0/00 (0/0)
		0/50 (0%)	2/50 (4%)			1/5() (2%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%) 12/699 (1.72%)	2/50 (4%) Mean 1.72%	SD 1.91%	Total	1/50 (2%) 5/700 (0.71%)	1/50 (2%) Mean 0.71%	SD 0.99%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						F	emale		
#Skin:							-							
Basal Cell Carcinoma														
		1/50	(2%)	0/50	(0%)	1/50	(2%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	3/50	(6%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	7/699 (1%)		Mean		SD 1.71		Total	3/700 (0.	,		0.43%	SD 0	
∕Skin:														
Basal Cell Carcinoma	or Basosquamo	us Tumor (maligr	nant or NO	S)										
		1/50	(2%)	0/50	(0%)	1/50	(2%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
			(0%)	0/50	(0%)	3/50	(6%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)				0/50	(0%)	0/50	(0%)		
	Total	7/699 (1%)) 	Mean	1%	SD 1.71	%	Total	3/700 (0.	43%)	Mean	0.43%	SD 0	.85%
	Basal Cell Aden	oma, Basosquan 4/50		or (benign , 0/50	, malignai (0%)	nt or 1/50	(2%)	Total	2/50	(4%)	0/50	(0%)	0/50	(0%)
	Basal Cell Aden	oma, Basosquan 4/50 1/50	nous Tumo (8%) (2%)	or (benign , 0/50 1/50	, maligna i (0%) (2%)	nt or 1/50 2/49	(2%) (4%)	Total	2/50 0/50	(4%) (0%)	0/50 1/50	(0%) (2%)	0/50 0/50	(0%) (0%)
#Skin: Basal Cell Carcinoma,	Basal Cell Aden	oma, Basosquan 4/50 1/50 1/50		or (benign , 0/50	, malignai (0%)	nt or 1/50	(2%)	Total	2/50	(4%)	0/50	(0%)	0/50	(0%)
#Skin: Basal Cell Carcinoma,	Basal Cell Aden	oma, Basosquan 4/50 1/50 1/50	nous Tumo (8%) (2%) (2%)	or (benign, 0/50 1/50 1/50	, maligna i (0%) (2%) (2%)	nt or 1/50 2/49 1/50	(2%) (4%) (2%)	Total	2/50 0/50 0/50	(4%) (0%) (0%)	0/50 1/50 1/50	(0%) (2%) (2%)	0/50 0/50 1/50	(0%) (0%) (2%)
#Skin: Basal Cell Carcinoma, NOS), or Trichoepithel Overall Incidence	Basal Cell Aden ioma Total	oma, Basosquan 4/50 1/50 1/50 0/50 0/50 19/699 (2.725	nous Tumo (8%) (2%) (2%) (0%) (0%) %)	or (benign, 0/50 1/50 1/50 0/50 3/50 Mean 2.	, malignar (0%) (2%) (2%) (0%) (6%) 72%	nt or 1/50 2/49 1/50 4/50 SD 2.79	(2%) (4%) (2%) (8%)	Total	2/50 0/50 0/50 1/50 1/50 8/700 (1.	(4%) (0%) (0%) (2%) (2%) 14%)	0/50 1/50 1/50 0/50 1/50 Mean	(0%) (2%) (2%) (0%)	0/50 0/50 1/50	(0%) (0%) (2%) (0%)
#Skin: Basal Cell Carcinoma, NOS), or Trichoepithel	Basal Cell Aden ioma Total	oma, Basosquan 4/50 1/50 1/50 0/50 0/50 19/699 (2.729	nous Tumo (8%) (2%) (2%) (0%) (0%) %) or (M or B);	or (benign, 0/50 1/50 1/50 0/50 3/50 Mean 2.	, malignar (0%) (2%) (2%) (0%) (6%) 72%	nt or 1/50 2/49 1/50 4/50 SD 2.79	(2%) (4%) (2%) (8%)	Total	2/50 0/50 0/50 1/50 1/50 8/700 (1.	(4%) (0%) (0%) (2%) (2%) 14%)	0/50 1/50 1/50 0/50 1/50 Mean	(0%) (2%) (2%) (0%) (2%)	0/50 0/50 1/50 0/50	(0%) (0%) (2%) (0%)
#Skin: Basal Cell Carcinoma, NOS), or Trichoepithel Overall Incidence #Skin: Basal or Sq. Cell Carci	Basal Cell Aden ioma Total	oma, Basosquan 4/50 1/50 1/50 0/50 0/50 19/699 (2.729 na, Basosq. Tumo eratoacanthoma,	nous Tumo (8%) (2%) (2%) (0%) (0%) %) or (M or B);	or (benign, 0/50 1/50 1/50 0/50 3/50 Mean 2.	, malignar (0%) (2%) (2%) (0%) (6%) 72%	nt or 1/50 2/49 1/50 4/50 SD 2.79	(2%) (4%) (2%) (8%)	Total	2/50 0/50 0/50 1/50 1/50 8/700 (1.	(4%) (0%) (0%) (2%) (2%) 14%)	0/50 1/50 1/50 0/50 1/50 Mean	(0%) (2%) (2%) (0%) (2%)	0/50 0/50 1/50 0/50	(0%) (0%) (2%) (0%)
#Skin: Basal Cell Carcinoma, NOS), or Trichoepithel Overall Incidence #Skin: Basal or Sq. Cell Carci	Basal Cell Aden ioma Total	oma, Basosquan 4/50 1/50 1/50 0/50 0/50 19/699 (2.729 na, Basosq. Tumo eratoacanthoma, 9/50 (nous Tumo (8%) (2%) (2%) (0%) (0%) %) or (M or B), Trichoepit	or (benign, 0/50 1/50 1/50 0/50 3/50 Mean 2.	, malignar (0%) (2%) (2%) (0%) (6%) 72%	nt or 1/50 2/49 1/50 4/50 SD 2.79	(2%) (4%) (2%) (8%) %	Total	2/50 0/50 0/50 1/50 1/50 8/700 (1.	(4%) (0%) (0%) (2%) (2%) 14%)	0/50 1/50 1/50 0/50 1/50 Mean	(0%) (2%) (2%) (0%) (2%) 1.14%	0/50 0/50 1/50 0/50 SD 1	(0%) (0%) (2%) (0%) .29%
#Skin: Basal Cell Carcinoma, NOS), or Trichoepithel Overall Incidence #Skin: Basal or Sq. Cell Carci	Basal Cell Aden ioma Total	oma, Basosquan 4/50 1/50 1/50 0/50 0/50 19/699 (2.729 na, Basosq. Tumo eratoacanthoma, 9/50 (2/50	nous Tumo (8%) (2%) (2%) (0%) (0%) %) or (M or B), Trichoepit (18%)	or (benign, 0/50 1/50 0/50 3/50 Mean 2. , Basal Cel thelioma 1/50	, malignar (0%) (2%) (2%) (0%) (6%) 72% Il Adenon (2%)	nt or 1/50 2/49 1/50 4/50 SD 2.79 na, 1/50	(2%) (4%) (2%) (8%) % 	Total	2/50 0/50 0/50 1/50 1/50 8/700 (1.	(4%) (0%) (0%) (2%) (2%) 14%) (4%)	0/50 1/50 1/50 0/50 1/50 Mean 1/50	(0%) (2%) (2%) (0%) (2%) 1.14% (2%)	0/50 0/50 1/50 0/50 SD 1 1/50	(0%) (0%) (2%) (0%) .29% (2%)
#Skin: Basal Cell Carcinoma, NOS), or Trichoepithel Overall Incidence #Skin: Basal or Sq. Cell Carci	Basal Cell Aden ioma Total	oma, Basosquan 4/50 1/50 1/50 0/50 0/50 19/699 (2.729 na, Basosq. Tumo eratoacanthoma, 9/50 (2/50 7/50 (nous Tumo (8%) (2%) (2%) (0%) (0%) %) or (M or B), Trichoepit (18%) (4%)	or (benign, 0/50 1/50 0/50 3/50 Mean 2. , Basal Cel thelioma 1/50 2/50	, malignar (0%) (2%) (2%) (0%) (6%) 72% Il Adenon (2%) (4%)	nt or 1/50 2/49 1/50 4/50 SD 2.79 na, 1/50 2/49	(2%) (4%) (2%) (8%) % (2%) (2%) (4%)	Total	2/50 0/50 1/50 1/50 8/700 (1. 2/50 1/50	(4%) (0%) (0%) (2%) (2%) 14%) (4%) (2%)	0/50 1/50 1/50 0/50 1/50 Mean 1/50 3/50	(0%) (2%) (2%) (0%) (2%) 1.14% (2%) (6%)	0/50 0/50 1/50 0/50 SD 1 1/50 0/50	(0%) (0%) (2%) (0%) .29% (2%) (0%)
#Skin: Basal Cell Carcinoma, NOS), or Trichoepithel Overall Incidence #Skin: Basal or Sq. Cell Carci	Basal Cell Aden ioma Total	oma, Basosquan 4/50 1/50 1/50 0/50 0/50 19/699 (2.729 na, Basosq. Tumo eratoacanthoma, 9/50 (2/50 7/50 (3/50	nous Tumo (8%) (2%) (2%) (0%) (0%) %) or (M or B), Trichoepit (18%) (4%) (14%)	or (benign, 0/50 1/50 0/50 3/50 Mean 2. , Basal Cel thelioma 1/50 2/50 4/50	, malignar (0%) (2%) (2%) (0%) (6%) 72% Il Adenon (2%) (4%) (8%)	nt or 1/50 2/49 1/50 4/50 SD 2.79 na, 1/50 2/49 6/50	(2%) (4%) (2%) (8%) % 	Total	2/50 0/50 1/50 1/50 8/700 (1. 2/50 1/50 0/50	(4%) (0%) (0%) (2%) (2%) 14%) (4%) (2%) (0%)	0/50 1/50 1/50 0/50 1/50 Mean 1/50 3/50 2/50	(0%) (2%) (2%) (0%) (2%) 1.14% (2%) (6%) (4%)	0/50 0/50 1/50 0/50 SD 1 1/50 0/50 1/50	(0%) (0%) (2%) (0%) .29% (2%) (0%) (2%)

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
#Skin:								
Fibroma								
		11/50 (22%)	3/50 (6%)	1/50 (2%)		2/50 (4%)	2/50 (4%)	1/50 (2%)
		1/50 (2%)	2/50 (4%)	7/49 (14%)		1/50 (2%)	0/50 (0%)	1/50 (2%)
		5/50 (10%)	6/50 (12%)	3/50 (6%)		3/50 (6%)	1/50 (2%)	2/50 (4%)
		1/50 (2%)	5/50 (10%)	3/50 (6%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		4/50 (8%)	1/50 (2%)	00		0/50 (0%)	1/50 (2%)	0.5
Overall Incidence	Total	53/699 (7.58%)	Mean 7.59%	SD 5.75%	Total	15/700 (2.14%)	Mean 2.14%	SD 1.83%
#Skin:								
-	a, Sarcoma, My>	koma, Myxosarcoma, or F	ibrous Histiocytoma					
		16/50 (32%)	3/50 (6%)	2/50 (4%)		2/50 (4%)	2/50 (4%)	1/50 (2%)
		2/50 (4%)	3/50 (6%)	7/49 (14%)		1/50 (2%)	0/50 (0%)	1/50 (2%)
		7/50 (14%)	6/50 (12%)	4/50 (8%)		3/50 (6%)	4/50 (8%)	2/50 (4%)
		1/50 (2%)	5/50 (10%)	6/50 (12%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		4/50 (8%)	1/50 (2%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	67/699 (9.59%)	Mean 9.59%	SD 7.67%	Total	18/700 (2.57%)	Mean 2.57%	SD 2.41%
#Skin: Fibrosarcoma								
Fibrosarcoma		3/50 (6%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	3/50 (6%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	3/50 (6%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	9/699 (1.29%)	Mean 1.29%	SD 2.3%	Total	3/700 (0.43%)	Mean 0.43%	SD 1.6%
						· · · · · · · · · · · · · · · · · · ·		
#Skin:								
Fibrosarcoma, Sarcom	na, Myxosarcom	a, or Fibrous Histiocytom				0/50 (001)	0/50 (00/)	0/50 (00/)
		6/50 (12%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	3/50 (6%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	3/50 (6%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
O	T - (-)	0/50 (0%)	0/50 (0%)	00.0.070/	T . (.)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	15/699 (2.15%)	Mean 2.14%	SD 3.37%	Total	3/700 (0.43%)	Mean 0.43%	SD 1.6%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
#Skin:								
Fibrous Histiocytoma								
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	3/699 (0.43%)	Mean 0.43%	SD 0.85%	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%
	Total	()				()		
∕Skin:								
Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
≮Skin: Keratoacanthoma								
		5/50 (10%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	1/50 (2%)
		2/50 (4%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	2/50 (4%)	0/50 (0%)
		4/50 (8%)	3/50 (6%)	5/50 (10%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		2/50 (4%)	2/50 (4%)	1/50 (2%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		4/50 (8%)	3/50 (6%)	. ,		0/50 (0%)	1/50 (2%)	
Verall Incidence	Total	31/699 (4.43%)	Mean 4.43%	SD 3.69%	Total	7/700 (1%)	Mean 1%	SD 1.3%
Skin:								
Lipoma								
-		0/50 (0%)	2/50 (4%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	6/699 (0.86%)	Mean 0.86%	SD 1.51%	Total	0/700 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						F	emale		
#Skin:														
Liposarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/49	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/699 (0.14		Mean 0		SD 0.55%		Total	1/700 (0.	14%)	Mean	0.14%	SD 0.	53%
∕\$kin:														
Neural Crest Tumor														
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/699 (0.14	,	Mean 0		SD 0.53%		Total	1/700 (0.	,		0.14%	SD 0.	
#Skin:														
Neurofibroma or Schw	annoma benign													
			(00()	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
	J	0/50	(0%)	0/50					0/00		0/00		0/30	
	J	0/50 0/50	(0%) (0%)	0/50 0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
	J		()		```		()			· · /		(0%) (0%)		(0%) (0%)
	Ĵ	0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	()	0/50	· · ·
	J	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/49 0/50	(0%) (0%)		0/50 0/50	(0%) (0%)	0/50 0/50	(0%)	0/50 0/50	(0%)
Overall Incidence	Total	0/50 0/50 0/50 0/50 0/699 (0%	(0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) (0%) 0%	0/49 0/50 0/50 SD 0%	(0%) (0%) (0%)	Total	0/50 0/50 0/50 1/50 1/700 (0.	(0%) (0%) (0%) (2%) 14%)	0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) 0.14%	0/50 0/50 0/50 SD 0.3	(0%) (0%) 53%
Overall Incidence	Total	0/50 0/50 0/50 0/50 0/699 (0%	(0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) (0%) 0%	0/49 0/50 0/50 SD 0%	(0%) (0%) (0%)		0/50 0/50 0/50 1/50 1/700 (0.	(0%) (0%) (0%) (2%) 14%)	0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) 0.14%	0/50 0/50 0/50 SD 0.3	(0%) (0%) 53%
	Total	0/50 0/50 0/50 0/50 0/699 (0%	(0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) (0%) 0%	0/49 0/50 0/50 SD 0%	(0%) (0%) (0%)		0/50 0/50 0/50 1/50 1/700 (0.	(0%) (0%) (0%) (2%) 14%)	0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) 0.14%	0/50 0/50 0/50 SD 0.3	(0%) (0%) 53%
Dverall Incidence	Total	0/50 0/50 0/50 0/50 0/699 (0%	(0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) (0%) 0%	0/49 0/50 0/50 SD 0%	(0%) (0%) (0%)		0/50 0/50 0/50 1/50 1/700 (0.	(0%) (0%) (0%) (2%) 14%)	0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) 0.14%	0/50 0/50 0/50 SD 0.3	(0%) (0%) 53%
Dverall Incidence	Total	0/50 0/50 0/50 0/50 0/699 (0%	(0%) (0%) (0%) (0%) (0%) S)	0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) (0%) 0%	0/49 0/50 0/50 SD 0%	(0%) (0%) (0%)		0/50 0/50 0/50 1/50 1/700 (0.	(0%) (0%) (0%) (2%) 14%)	0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) 0.14%	0/50 0/50 0/50 SD 0.4	(0%) (0%) 53%
Dverall Incidence	Total	0/50 0/50 0/50 0/699 (0% nalignant or NO 0/50	(0%) (0%) (0%) (0%) 5) S) (0%)	0/50 0/50 0/50 0/50 Mean 0/50	(0%) (0%) (0%) (0%) 0% (0%)	0/49 0/50 0/50 SD 0% 0/50	(0%) (0%) (0%)		0/50 0/50 0/50 1/50 1/700 (0. 0/50	(0%) (0%) (0%) (2%) 14%) (0%)	0/50 0/50 0/50 0/50 Mean 0/50	(0%) (0%) (0%) 0.14% (0%)	0/50 0/50 0/50 SD 0.3	(0%) (0%) 53%
Overall Incidence #Skin:	Total	0/50 0/50 0/50 0/699 (0% nalignant or NO 0/50 1/50	(0%) (0%) (0%) (0%) 5) S) (0%) (2%)	0/50 0/50 0/50 0/50 Mean 0/50 0/50	(0%) (0%) (0%) (0%) 0% (0%) (0%)	0/49 0/50 0/50 SD 0% 0/50 0/50 0/49	(0%) (0%) (0%) (0%)		0/50 0/50 1/50 1/700 (0. 0/50 0/50	(0%) (0%) (0%) (2%) 14%) (0%) (0%)	0/50 0/50 0/50 0/50 Mean 0/50 0/50	(0%) (0%) (0%) 0.14% (0%) (0%)	0/50 0/50 0/50 SD 0.4 0/50 0/50	(0%) (0%) 53% (0%) (0%)
Overall Incidence #Skin:	Total	0/50 0/50 0/50 0/699 (0% nalignant or NO 0/50 1/50 0/50	(0%) (0%) (0%) (0%) 5) S) (0%) (2%) (0%)	0/50 0/50 0/50 0/50 Mean 0/50 0/50 0/50	(0%) (0%) (0%) (0%) 0% (0%) (0%) (0%)	0/49 0/50 0/50 SD 0% 0/50 0/49 0/50	(0%) (0%) (0%) (0%) (0%) (0%) (0%)		0/50 0/50 1/50 1/700 (0. 0/50 0/50 0/50	(0%) (0%) (0%) (2%) 14%) (0%) (0%) (0%)	0/50 0/50 0/50 0/50 Mean 0/50 0/50 0/50	(0%) (0%) (0%) 0.14% (0%) (0%) (0%)	0/50 0/50 0/50 SD 0.4 0/50 0/50 0/50	(0%) (0%) 53% (0%) (0%) (0%)

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
#Skin:								
Neurofibrosarcoma, Neuro	fibroma, or s	Schwannoma (benign, n	alignant or NOS)					
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		1/50 (2%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
Verall Incidence	Total	2/699 (0.29%)	Mean 0.29%	SD 0.73%	Total	3/700 (0.43%)	Mean 0.43%	SD 0.85%
Skin:								
Sarcoma								
		3/50 (6%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Verall Incidence	Total	3/699 (0.43%)	Mean 0.43%	SD 1.6%	Total	0/700 (0%)	Mean 0%	SD 0%
Skin: Schwannoma Benign								
g.:		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	(-,-)		1/50 (2%)	0/50 (0%)	(-,-,
Verall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Skin:								
Schwannoma Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		1/50 (2%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/699 (0.29%)	Mean 0.29%	SD 0.73%	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						F	emale		
#Skin:														· · · ·
Squamous Cell Carcinom	a													
-		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/49	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	3/699 (0.439	%)	Mean 0	.43%	SD 0.85%	6	Total	2/700 (0.	29%)	Mean	0.29%	SD 0.	.73%
Skin:														
Squamous Cell Carcinom or Carcinoma	a, Basal Cell (Carcinoma, Bas	osquamo	ous Tumor (r	nalignant	or NOS),								
		1/50	(2%)	1/50	(2%)	1/50	(2%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/49	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		2/50	(4%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	3/50	(6%)		1/50	(2%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	1/50	(2%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	10/699 (1.43	,	Mean 1		SD 1.839		Total	5/700 (0.	,		0.71%	SD 0.	
Skin:														
Squamous Cell Papilloma	1													
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	2/50	(4%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	3/50	(6%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	8/699 (1.149	,	Mean 1		SD 1.889		Total	1/700 (0.	,		0.14%	SD 0.	
Skin:														
Squamous Cell Papilloma	a or Papilloma													
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	2/50	(4%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	3/50	(6%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	8/699 (1.14)	07.)	Mean 1	1 / 0/	SD 1.889	/.	Total	1/700 (0.	1/10/)	Moon	0.14%	SD 0.	53%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
#Skin:								
Squamous Cell Papillon	na, Papilloma,	Squamous Cell Carcinom	a or Keratoacanthom	a				
		5/50 (10%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	1/50 (2%)
		2/50 (4%)	1/50 (2%)	0/49 (0%)		1/50 (2%)	3/50 (6%)	0/50 (0%)
		6/50 (12%)	3/50 (6%)	5/50 (10%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		3/50 (6%)	4/50 (8%)	1/50 (2%)		0/50 (0%)	1/50 (2%)	1/50 (2%)
		5/50 (10%)	6/50 (12%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	42/699 (6.01%)	Mean 6%	SD 4.37%	Total	10/700 (1.43%)	Mean 1.43%	SD 1.65%
#Skin:								
Squamous Cell Papillon	na, Papilloma,	or Keratoacanthoma						
		5/50 (10%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	1/50 (2%)
		2/50 (4%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	3/50 (6%)	0/50 (0%)
		5/50 (10%)	3/50 (6%)	5/50 (10%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		3/50 (6%)	4/50 (8%)	1/50 (2%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		5/50 (10%)	6/50 (12%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	39/699 (5.58%)	Mean 5.57%	SD 4.52%	Total	8/700 (1.14%)	Mean 1.14%	SD 1.7%
#Skin: Trichoepithelioma								
		2/50 (4%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	3/699 (0.43%)	Mean 0.43%	SD 1.16%	Total	0/700 (0%)	Mean 0%	SD 0%
#Skin: Sebaceous Gland: Adenoma								
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	. ,		0/50 (0%)	0/50 (0%)	. ,
Overall Incidence	Total	4/699 (0.57%)	Mean 0.57%	SD 1.22%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
*Skin: Sebaceous Gland: Carcinoma or Adenoma								
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	4/699 (0.57%)	Mean 0.57%	SD 1.22%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
≮Spinal Cord: Glioma Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/49 (2%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/699 (0.14%)	Mean 0.15%	SD 0.55%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
#Stomach, Glandular: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (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%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Stomach, Glandular: Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Verall Incidence	Total	0/50 (0%) 0/699 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 1/700 (0.14%)	0/50 (0%) Mean 0.14%	SD 0.53%
lestes:								
Adenoma								
		35/50 (70%)	34/50 (68%)	36/50 (72%)				
		37/50 (74%)	45/50 (90%)	37/49 (76%)				
		34/50 (68%)	40/50 (80%)	35/50 (70%)				
		37/50 (74%)	41/50 (82%)	29/50 (58%)				
		27/50 (54%)	32/50 (64%)					
verall Incidence	Total	499/699 (71.39%)	Mean 71.39%	SD 9.31%				
Testes: Hemangioma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/49 (0%)				
		0/50 (0%)	1/50 (2%)	0/50 (0%)				
		1/50 (2%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	2/699 (0.29%)	Mean 0.29%	SD 0.73%				
Thymus: Thymoma Benign								
mymonia benigil		0/44 (0%)	0/43 (0%)	0/44 (0%)		0/48 (0%)	1/46 (2%)	0/48 (0%)
		1/47 (2%)	0/43 (0%)	0/48 (0%)		1/50 (2%)	0/48 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		1/50 (2%)	0/47 (0%)	0/49 (0%)
		0/47 (0%)	1/48 (2%)	0/47 (0%)		1/50 (2%)	0/50 (0%)	0/44 (0%)
		0/45 (0%)	0/42 (0%)	(-, -, -, -, -, -, -, -, -, -, -, -, -, -		0/47 (0%)	0/46 (0%)	(-,-,
Overall Incidence	Total	2/654 (0.31%)	Mean 0.3%	SD 0.76%	Total	4/673 (0.59%)	Mean 0.58%	SD 0.96%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
*Thymus:								
Thymoma Malignant								
		0/44 (0%)	0/43 (0%)	0/44 (0%)		0/48 (0%)	0/46 (0%)	0/48 (0%)
		0/47 (0%)	0/50 (0%)	0/48 (0%)		0/50 (0%)	1/48 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/47 (0%)	0/49 (0%)
		0/47 (0%)	1/48 (2%)	0/47 (0%)		0/50 (0%)	1/50 (2%)	0/44 (0%)
		0/45 (0%)	0/42 (0%)			0/47 (0%)	0/46 (0%)	
Overall Incidence	Total	1/654 (0.15%)	Mean 0.15%	SD 0.56%	Total	2/673 (0.3%)	Mean 0.29%	SD 0.74%
Thymus:								
Thymoma NOS								
-		0/44 (0%)	0/43 (0%)	0/44 (0%)		0/48 (0%)	0/46 (0%)	1/48 (2%)
		0/47 (0%)	0/50 (0%)	0/48 (0%)		0/50 (0%)	0/48 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/47 (0%)	0/49 (0%)
		0/47 (0%)	0/48 (0%)	0/47 (0%)		0/50 (0%)	0/50 (0%)	0/44 (0%)
		0/45 (0%)	0/42 (0%)			0/47 (0%)	0/46 (0%)	
Overall Incidence	Total	0/654 (0%)	Mean 0%	SD 0%	Total	1/673 (0.15%)	Mean 0.15%	SD 0.56%
*Thymus:								
Thymoma: Benign, Mali	ignant, NOS							
,	0	0/44 (0%)	0/43 (0%)	0/44 (0%)		0/48 (0%)	1/46 (2%)	1/48 (2%)
		1/47 (2%)	0/50 (0%)	0/48 (0%)		1/50 (2%)	1/48 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		1/50 (2%)	0/47 (0%)	0/49 (0%)
		0/47 (0%)	2/48 (4%)	0/47 (0%)		1/50 (2%)	1/50 (2%)	0/44 (0%)
		0/45 (0%)	0/42 (0%)	· · /		0/47 (0%)	0/46 (0%)	· · /
Overall Incidence	Total	3/654 (0.46%)	Mean 0.45%	SD 1.21%	Total	7/673 (1.04%)	Mean 1.02%	SD 1.06%
Thyroid Gland: C-Cell:								
Adenoma		6/46 (400/)		7/50 (140/)		4/40 (400/)	2/50 (60/)	4/50 (00/)
		6/46 (13%)	5/50 (10%)	7/50 (14%)		4/42 (10%)	3/50 (6%)	4/50 (8%)
		10/50 (20%)	11/50 (22%)	8/49 (16%)		11/49 (22%)	6/50 (12%)	5/50 (10%)
		6/46 (13%)	11/50 (22%)	12/50 (24%)		7/50 (14%)	9/49 (18%)	10/50 (20%)
		9/50 (18%)	12/50 (24%)	5/50 (10%)		7/50 (14%)	6/50 (12%)	3/50 (6%)
O	Tatal	8/50 (16%)	4/50 (8%)	00 5 070/	T	3/50 (6%)	3/50 (6%)	00 5 400/
Overall Incidence	Total	114/691 (16.5%)	Mean 16.46%	SD 5.37%	Total	81/690 (11.74%)	Mean 11.74%	SD 5.48%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Thyroid Gland: C-Cell: Carcinoma								
		0/46 (0%)	4/50 (8%)	1/50 (2%)		3/42 (7%)	1/50 (2%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/49 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)
		0/46 (0%)	0/50 (0%)	1/50 (2%)		1/50 (2%)	0/49 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	3/50 (6%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	13/691 (1.88%)	Mean 1.86%	SD 2.54%	Total	6/690 (0.87%)	Mean 0.94%	SD 1.97%
Thyroid Gland: C-Cell: Carcinoma or Adenoma								
		6/46 (13%)	9/50 (18%)	8/50 (16%)		7/42 (17%)	4/50 (8%)	4/50 (8%)
		11/50 (22%)	11/50 (22%)	8/49 (16%)		11/49 (22%)	6/50 (12%)	5/50 (10%)
		6/46 (13%)	11/50 (22%)	13/50 (26%)		8/50 (16%)	9/49 (18%)	11/50 (22%)
		9/50 (18%)	12/50 (24%)	6/50 (12%)		7/50 (14%)	6/50 (12%)	3/50 (6%)
		8/50 (16%)	7/50 (14%)			3/50 (6%)	3/50 (6%)	
verall Incidence	Total	125/691 (18.09%)	Mean 18.03%	SD 4.47%	Total	87/690 (12.61%)	Mean 12.68%	SD 5.75%
hyroid Gland: Follicular Ce Adenoma								
		0/46 (0%)	0/50 (0%)	0/50 (0%)		0/42 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	0/50 (0%)	1/49 (2%)		1/49 (2%)	0/50 (0%)	1/50 (2%)
		0/46 (0%)	1/50 (2%)	0/50 (0%)		1/50 (2%)	1/49 (2%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	5/691 (0.72%)	Mean 0.72%	SD 1.27%	Total	6/690 (0.87%)	Mean 0.86%	SD 1.03%
hyroid Gland: Follicular Ce Carcinoma								
		0/46 (0%)	0/50 (0%)	0/50 (0%)		0/42 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/49 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)
		2/46 (4%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	4/691 (0.58%)	Mean 0.6%	SD 1.3%	Total	0/690 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						F	emale		
Thyroid Gland: Follicular C Carcinoma or Adenoma	Cell:													
			(0%)	0/50	(0%)	0/50	(0%)		0/42	(0%)	0/50	(0%)	0/50	(0%)
			(4%)	1/50	(2%)	1/49	(2%)		1/49	(2%)	0/50	(0%)	1/50	(2%)
			(4%)	1/50	(2%)	1/50	(2%)		1/50	(2%)	1/49	(2%)	0/50	(0%)
		,	(0%)	1/50	(2%)	0/50	(0%)		1/50	(2%)	1/50	(2%)	0/50	(0%)
		· · · · · · · · · · · · · · · · · · ·	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Verall Incidence	Total	9/691 (1.3%)		Mean 1.	31%	SD 1.54%	%	Total	6/690 (0.8	7%)	Mean	0.86%	SD 1.	03%
Tongue:														
Squamous Cell Carcinom	na													
		•	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
			(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		•	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
			(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
			(0%)	0/50	(0%)				0/50	(0%)	1/50	(2%)		
Overall Incidence	Total	1/699 (0.14%)		Mean 0.		SD 0.53%		Total	2/700 (0.2	,		0.29%	SD 0.	
#Tongue:														
Squamous Cell Carcinom	na or Papillom	a Squamous												
Squamous Cell Carcinom	na or Papillom	•	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
Squamous Cell Carcinom	na or Papillom	. 0/50 ((0%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/49	(0%) (0%)		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)
Squamous Cell Carcinom	na or Papillom	0/50 (0/50 (0/50 ((0%) (0%)		· · ·		(0%) (0%)			()		()		. ,
Squamous Cell Carcinom	na or Papillom	0/50 (0/50 (0/50 (1/50 ((0%) (0%) (2%)	0/50 0/50 0/50	(0%) (0%) (0%)	0/49	(0%)		0/50 0/50 0/50	(0%) (0%) (0%)	0/50 1/50 0/50	(0%) (2%) (0%)	0/50	(0%)
Squamous Cell Carcinom	na or Papillom	0/50 (0/50 (0/50 (1/50 (1/50 ((0%) (0%) (2%) (2%)	0/50 0/50	(0%) (0%)	0/49 0/50	(0%) (0%)		0/50 0/50	(0%) (0%)	0/50 1/50	(0%) (2%)	0/50 0/50	(0%) (0%)
Dverall Incidence	Total	0/50 (0/50 (0/50 (1/50 (1/50 (2/699 (0.29%)	(0%) (0%) (2%) (2%))	0/50 0/50 0/50 0/50 Mean 0.	(0%) (0%) (0%) (0%) 29%	0/49 0/50 0/50 SD 0.739	(0%) (0%) (0%)	Total	0/50 0/50 0/50 0/50 3/700 (0.4	(0%) (0%) (0%) (0%) 3%)	0/50 1/50 0/50 1/50 Mean	(0%) (2%) (0%) (2%) 0.43%	0/50 0/50 1/50 SD 0.	(0%) (0%) (2%) 85%
Squamous Cell Carcinom Dverall Incidence	Total	0/50 (0/50 (0/50 (1/50 (1/50 (2/699 (0.29%)	(0%) (0%) (2%) (2%))	0/50 0/50 0/50 0/50 Mean 0.	(0%) (0%) (0%) (0%) 29%	0/49 0/50 0/50 SD 0.739	(0%) (0%) (0%)		0/50 0/50 0/50 0/50 3/700 (0.4	(0%) (0%) (0%) (0%) 3%)	0/50 1/50 0/50 1/50 Mean	(0%) (2%) (0%) (2%) 0.43%	0/50 0/50 1/50 SD 0.	(0%) (0%) (2%) 85%
Overall Incidence	Total	0/50 (0/50 (0/50 (1/50 (1/50 (2/699 (0.29%)	(0%) (0%) (2%) (2%))	0/50 0/50 0/50 0/50 Mean 0.	(0%) (0%) (0%) (0%) 29%	0/49 0/50 0/50 SD 0.739	(0%) (0%) (0%)		0/50 0/50 0/50 0/50 3/700 (0.4	(0%) (0%) (0%) (0%) 3%)	0/50 1/50 0/50 1/50 Mean	(0%) (2%) (0%) (2%) 0.43%	0/50 0/50 1/50 SD 0.	(0%) (0%) (2%) 85%
Dverall Incidence	Total	0/50 (0/50 (0/50 (1/50 (1/50 (2/699 (0.29%)	(0%) (0%) (2%) (2%))	0/50 0/50 0/50 0/50 Mean 0.	(0%) (0%) (0%) (0%) 29%	0/49 0/50 0/50 SD 0.739	(0%) (0%) (0%)		0/50 0/50 0/50 0/50 3/700 (0.4	(0%) (0%) (0%) (0%) 3%)	0/50 1/50 0/50 1/50 Mean	(0%) (2%) (0%) (2%) 0.43%	0/50 0/50 1/50 SD 0.	(0%) (0%) (2%) 85%
Dverall Incidence	Total	0/50 (0/50 (0/50 (1/50 (1/50 (2/699 (0.29%)	(0%) (0%) (2%) (2%))	0/50 0/50 0/50 0/50 Mean 0.	(0%) (0%) (0%) (0%) 29%	0/49 0/50 0/50 SD 0.739	(0%) (0%) (0%)		0/50 0/50 0/50 0/50 3/700 (0.4	(0%) (0%) (0%) (0%) 3%)	0/50 1/50 0/50 1/50 Mean	(0%) (2%) (0%) (2%) 0.43%	0/50 0/50 1/50 SD 0.	(0%) (0%) (2%) 85%
Dverall Incidence	Total	0/50 (0/50 (0/50 (1/50 (1/50 (2/699 (0.29%)	(0%) (0%) (2%) (2%)) 	0/50 0/50 0/50 0/50 Mean 0.	(0%) (0%) (0%) (0%) 29% (0%)	0/49 0/50 0/50 SD 0.739	(0%) (0%) (0%) % 		0/50 0/50 0/50 0/50 3/700 (0.4 0/50	(0%) (0%) (0%) (0%) 3%) (0%)	0/50 1/50 0/50 1/50 Mean 0/50	(0%) (2%) (0%) (2%) 0.43% 	0/50 0/50 1/50 SD 0. 0/50	(0%) (0%) (2%) 85% (0%)
Dverall Incidence	Total	0/50 (0/50 (0/50 (1/50 (1/50 (2/699 (0.29%) 0/50 (0/50 (0/50 ((0%) (0%) (2%) (2%)) 	0/50 0/50 0/50 0/50 Mean 0. 0/50 0/50	(0%) (0%) (0%) (0%) 29% (0%) (0%)	0/49 0/50 0/50 SD 0.73% 0/50 0/49	(0%) (0%) (0%) % 		0/50 0/50 0/50 0/50 3/700 (0.4 0/50 0/50	(0%) (0%) (0%) (0%) 3%) (0%) (0%)	0/50 1/50 0/50 1/50 Mean 0/50 0/50	(0%) (2%) (0%) (2%) 0.43% (0%) (0%)	0/50 0/50 1/50 SD 0. 0/50 0/50	(0%) (0%) (2%) 85% (0%) (0%)
Dverall Incidence	Total	0/50 (0/50 (0/50 (1/50 (1/50 (2/699 (0.29%) 0/50 (0/50 (0/50 (0/50 ((0%) (0%) (2%) (2%)) 	0/50 0/50 0/50 0/50 Mean 0. 0/50 0/50 0/50	(0%) (0%) (0%) (0%) 29% (0%) (0%) (0%)	0/49 0/50 0/50 SD 0.739 0/50 0/50	(0%) (0%) (0%) % 		0/50 0/50 0/50 3/700 (0.4 0/50 0/50 0/50	(0%) (0%) (0%) (0%) 3%) (0%) (0%) (0%)	0/50 1/50 0/50 1/50 Mean 0/50 0/50 1/50	(0%) (2%) (0%) (2%) 0.43% (0%) (0%) (0%) (2%)	0/50 0/50 1/50 SD 0. 0/50 0/50 0/50	(0%) (0%) (2%) 85% (0%) (0%) (0%)

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
#Tooth:								
Adamantinoma Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
Urinary Bladder: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/49 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/698 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
Urinary Bladder: Carcinoma or Papilloma								
-		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/49 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	3/698 (0.43%)	Mean 0.43%	SD 0.85%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Urinary Bladder: Hemangiosarcoma								
-		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/49 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/698 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Version: Jun2013
Contract/Lab: All Laboratories
Species: RATS
Strain: F 344/N
Length of Study: CHRONIC

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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		Male								Female						
Urinary Bladder: Papilloma																
-		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)		
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/49	(0%)				0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	2/698 (0.29	,	Mean 0		SD 0.73		Total	1/700 (0.	,		0.14%	SD 0.			
#Uterus: Adenoma																
									0/50	(0%)	0/50	(0%)	1/50	(2%)		
									0/50	(0%)	0/50	(0%)	0/50	(0%)		
									0/50	(0%)	0/50	(0%)	0/50	(0%)		
									0/50	(0%)	0/50	(0%)	1/50	(2%)		
									0/50	(0%)	0/50	(0%)		· · /		
Overall Incidence								Total	2/700 (0.			0.29%	SD 0.			
#Uterus: Carcinoma																
									0/50	(0%)	0/50	(0%)	0/50	(0%)		
									0/50	(0%)	0/50	(0%)	0/50	(0%)		
									0/50	(0%)	0/50	(0%)	1/50	(2%)		
									0/50	(0%)	0/50	(0%)	1/50	(2%)		
									0/50	(0%)	0/50	(0%)				
Overall Incidence								Total	2/700 (0.	,		0.29%	SD 0.			
#Uterus: Leiomyosarcoma																
,									0/50	(0%)	0/50	(0%)	0/50	(0%)		
									0/50	(0%)	0/50	(0%)	0/50	(0%)		
									0/50	(0%)	0/50	(0%)	1/50	(2%)		
									0/50	(0%)	0/50	(0%)	0/50	(0%)		
									0/50	(0%)	0/50	(0%)		` '		
Overall Incidence								Total	1/700 (0.		Moon	0.14%	SD 0.	F20/		

*: Denominator is number of animals with tissues examined microscopically

Version: Jun2013
Contract/Lab: All Laboratories
Species: RATS
Strain: F 344/N
Length of Study: CHRONIC

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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Male			Female	
#Uterus:				
Polyp Stromal				
		17/50 (34%)	8/50 (16%)	8/50 (16%)
		3/50 (6%)	8/50 (16%)	7/50 (14%)
		10/50 (20%)	3/50 (6%)	8/50 (16%)
		7/50 (14%)	6/50 (12%)	6/50 (12%)
		9/50 (18%)	11/50 (22%)	
Overall Incidence	Total	111/700 (15.86%)	Mean 15.86%	SD 6.9%
eUterus:				
Sarcoma		- / /		- / /
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	
Dverall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Uterus: Sarcoma Stromal				
		0/50 (0%)	2/50 (4%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	
overall Incidence	Total	3/700 (0.43%)	Mean 0.43%	SD 1.16%
Uterus:				
Sarcoma Stromal or Polyp Stromal		17/50 (34%)	10/50 (20%)	8/50 (16%)
		3/50 (6%)	8/50 (16%)	7/50 (16%)
		10/50 (20%)	3/50 (10%)	8/50 (14%)
		7/50 (14%)	6/50 (12%)	6/50 (12%)
		9/50 (14%)	11/50 (22%)	0/00 (12/0)
Overall Incidence	Total	()	Mean 16.14%	SD 6.99%
Overall Incidence	Total	113/700 (16.14%)	Mean 16.14%	SD 6.99%

Version: Jun2013
Contract/Lab: All Laboratories
Species: RATS
Strain: F 344/N
Length of Study: CHRONIC

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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Male			Female	
#Uterus:				
Schwannoma Malignant				
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%
ŧVagina:				
Polyp		- / />	- / /	
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%
#Vagina: Sarcoma				
		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
≇Vagina: Schwannoma Malignant				
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	(0,0)
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						I	emale		
#Zymbal's Gland: Adenoma														
		0/50	(0%)	0/50	(0%)	2/50	(4%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	3/699 (0.43	,	Mean 0		SD 1.169		Total	0/700 (,		an 0%	SD	
#Zymbal's Gland: Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	5/699 (0.72	2%)	Mean 0	.71%	SD 0.999	6	Total	2/700 (0.	29%)	Mear	0.29%	SD 0	.73%
≠Zymbal's Gland: Carcinoma or Adenoma														
		0/50	(0%)	0/50	(0%)	2/50	(4%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		1/50	(2%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	8/699 (1.14	4%)	Mean 1	.14%	SD 1.299	%	Total	2/700 (0.	29%)	Mear	0.29%	SD 0	.73%

*: Denominator is number of animals with tissues examined microscopically