

Experiment Number: C04049

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

C Number:

C04049

Cage Range:

All

Date Range:

All

Reasons For Removal:

All

Removal Date Range:

All

Treatment Groups:

All

Study Gender:

Female

PA06: Organ Weights Summary

Test Compound: Perfluorononanoic Acid

CAS Number: 375-95-1

Date Report Requested: 07/05/2017

Time Report Requested: 07:12:14

Lab: Battelle

Experiment Number: C04049

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA06: Organ Weights Summary

Test Compound: Perfluorononanoic Acid

CAS Number: 375-95-1

Date Report Requested: 07/05/2017

Time Report Requested: 07:12:14

Lab: Battelle

Females

Treatment Groups (mg/kg/day)

	0			1.56			3.12			6.25			12.5		
Terminal Body Wt.	229.9	± 4.7	(10) **	230.5	± 3.3	(10)	216.5	± 2.7	(10) *	206.7	± 4.4	(10) **	177.9	(1)	
R. Adrenal gland															
Absolute (g)	0.0260 ± 0.0011 (10)			0.0260 ± 0.0012 (10)			0.0261 ± 0.0009 (10)			0.0235 ± 0.0009 (10)			0.0160 (1)		
Relative (mg/g)	0.11 ± 0.01 (10)			0.11 ± 0.00 (10)			0.12 ± 0.00 (10)			0.11 ± 0.00 (10)			0.09 (1)		
Heart															
Absolute (g)	0.87 ± 0.01 (10) **			0.88 ± 0.02 (10)			0.80 ± 0.02 (10) *			0.77 ± 0.02 (10) **			0.62 (1)		
Relative (mg/g)	3.79 ± 0.08 (10)			3.83 ± 0.09 (10)			3.70 ± 0.08 (10)			3.71 ± 0.06 (10)			3.49 (1)		
R. Kidney															
Absolute (g)	0.66 ± 0.01 (10) **			0.71 ± 0.02 (10) *			0.73 ± 0.01 (10) **			0.73 ± 0.02 (10) **			0.63 (1)		
Relative (mg/g)	2.89 ± 0.06 (10) **			3.10 ± 0.04 (10) *			3.38 ± 0.04 (10) **			3.53 ± 0.08 (10) **			3.54 (1)		
Liver															
Absolute (g)	7.67 ± 0.29 (10) **			9.30 ± 0.30 (10) **			9.74 ± 0.22 (10) **			10.12 ± 0.28 (10) **			12.84 (1)		
Relative (mg/g)	33.29 ± 0.70 (10) **			40.30 ± 0.91 (10) **			44.95 ± 0.74 (10) **			48.92 ± 0.68 (10) **			72.18 (1)		
Lung															
Absolute (g)	1.60 ± 0.06 (10)			1.57 ± 0.04 (10)			1.74 ± 0.07 (10)			1.60 ± 0.08 (10)			1.01 (1)		
Relative (mg/g)	6.96 ± 0.28 (10) *			6.82 ± 0.14 (10)			8.07 ± 0.38 (10) *			7.75 ± 0.38 (10)			5.68 (1)		
Spleen															
Absolute (g)	0.598 ± 0.018 (10) **			0.609 ± 0.022 (10)			0.533 ± 0.013 (10) *			0.481 ± 0.019 (10) **			0.370 (1)		
Relative (mg/g)	2.60 ± 0.05 (10) **			2.64 ± 0.07 (10)			2.46 ± 0.04 (10)			2.32 ± 0.06 (10) **			2.08 (1)		
Thymus															
Absolute (g)	0.324 ± 0.030 (10)			0.309 ± 0.017 (10)			0.276 ± 0.013 (10)			0.284 ± 0.016 (10)			0.223 (1)		
Relative (mg/g)	1.41 ± 0.13 (10)			1.33 ± 0.06 (10)			1.27 ± 0.06 (10)			1.38 ± 0.07 (10)			1.25 (1)		
Thyroid gland															
Absolute (g)	0.0211 ± 0.0010 (10)			0.0240 ± 0.0015 (10)			0.0247 ± 0.0017 (10)			0.0207 ± 0.0015 (10)			0.0160 (1)		
Relative (mg/g)	0.09 ± 0.00 (10)			0.10 ± 0.01 (10)			0.11 ± 0.01 (10)			0.10 ± 0.01 (10)			0.09 (1)		
Uterus															
Absolute (g)	0.687 ± 0.059 (10) **			0.865 ± 0.151 (10)			0.658 ± 0.045 (10)			0.480 ± 0.030 (10)			0.203 (1)		
Relative (mg/g)	3.03 ± 0.30 (10)			3.78 ± 0.69 (10)			3.04 ± 0.20 (10)			2.33 ± 0.15 (10)			1.14 (1)		

Experiment Number: C04049

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA06: Organ Weights Summary

Test Compound: Perfluorononanoic Acid

CAS Number: 375-95-1

Date Report Requested: 07/05/2017

Time Report Requested: 07:12:14

Lab: Battelle

LEGEND

Data are displayed as mean \pm SEM (N)

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

Statistical analysis performed by Jonckheere (trend) and William or Dunnett (pairwise) tests unless otherwise noted.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****