

Experiment Number: C20323-04

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

C Number:

C20323-04

Cage Range:

All

Date Range:

All

Reasons For Removal:

All

Removal Date Range:

All

Treatment Groups:

All

Study Gender:

Both

PA06: Organ Weights Summary

Test Compound: Resveratrol

CAS Number: 501-36-0

Date Report Requested: 04/23/2018

Time Report Requested: 11:17:31

Lab: NTP

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Males																		
Treatment Groups (mg/kg)																		
	0			156			312			625			1250			2500		
Terminal Body Wt.	35.3	± 1.1	(10)	37.8	± 0.9	(10)	37.4	± 1.0	(10)	37.2	± 1.2	(10)	36.1	± 1.0	(10)	35.4	± 0.8	(10)
Heart																		
Absolute (g)	0.21	± 0.01	(10)	0.21	± 0.01	(10)	0.21	± 0.01	(10)	0.22	± 0.01	(10)	0.22	± 0.01	(10)	0.22	± 0.01	(10)
Relative (mg/g)	5.91	± 0.27	(10)	5.56	± 0.15	(10)	5.72	± 0.31	(10)	5.94	± 0.23	(10)	6.01	± 0.19	(10)	6.12	± 0.25	(10)
R. Kidney																		
Absolute (g)	0.27	± 0.01	(10)	0.27	± 0.01	(10)	0.28	± 0.01	(10)	0.27	± 0.01	(10)	0.26	± 0.01	(10)	0.26	± 0.01	(10)
Relative (mg/g)	7.71	± 0.16	(10)	7.24	± 0.12	(10)	7.49	± 0.19	(10)	7.22	± 0.19	(10)	7.20	± 0.16	(10)	7.37	± 0.14	(10)
Liver																		
Absolute (g)	1.56	± 0.05	(10)**	1.68	± 0.05	(10)	1.70	± 0.03	(10)	1.71	± 0.07	(10)	1.69	± 0.06	(10)	1.80	± 0.06	(10)**
Relative (mg/g)	44.27	± 0.59	(10)**	44.24	± 0.57	(10)	45.55	± 1.01	(10)	45.86	± 1.02	(10)	46.95	± 0.99	(10)	50.82	± 1.15	(10)**
Lung																		
Absolute (g)	0.30	± 0.01	(10)	0.32	± 0.01	(10)	0.32	± 0.01	(10)	0.32	± 0.01	(10)	0.32	± 0.02	(10)	0.32	± 0.01	(10)
Relative (mg/g)	8.64	± 0.51	(10)	8.45	± 0.37	(10)	8.51	± 0.42	(10)	8.65	± 0.25	(10)	8.90	± 0.43	(10)	9.13	± 0.32	(10)
R. Testis																		
Absolute (g)	0.114	± 0.003	(10)	0.114	± 0.002	(10)	0.116	± 0.002	(10)	0.120	± 0.002	(10)	0.117	± 0.002	(10)	0.118	± 0.002	(10)
Relative (mg/g)	3.25	± 0.11	(10)*	3.04	± 0.07	(10)	3.11	± 0.10	(10)	3.26	± 0.09	(10)	3.26	± 0.08	(10)	3.35	± 0.08	(10)
Thymus																		
Absolute (g)	0.047	± 0.003	(10)	0.045	± 0.003	(10)	0.047	± 0.003	(10)	0.039	± 0.002	(10)	0.047	± 0.002	(10)	0.042	± 0.002	(10)
Relative (mg/g)	1.32	± 0.04	(10)	1.20	± 0.08	(10)	1.27	± 0.08	(10)	1.05	± 0.05	(10)*	1.30	± 0.07	(10)	1.20	± 0.04	(10)

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Females

Treatment Groups (mg/kg)

	0	156	312	625	1250	2500
Terminal Body Wt.	29.1 ± 1.1 (10) *	28.4 ± 0.6 (10)	28.2 ± 0.6 (10)	29.6 ± 1.1 (10)	27.6 ± 0.9 (10)	26.5 ± 0.7 (10)
Heart						
Absolute (g)	0.19 ± 0.01 (10) **	0.17 ± 0.01 (10)	0.17 ± 0.00 (10)	0.18 ± 0.00 (10)	0.17 ± 0.00 (10) *	0.16 ± 0.01 (10) **
Relative (mg/g)	6.38 ± 0.16 (10)	6.00 ± 0.22 (10)	6.10 ± 0.26 (10)	6.12 ± 0.19 (10)	6.22 ± 0.24 (10)	5.86 ± 0.20 (10)
R. Kidney						
Absolute (g)	0.16 ± 0.00 (10)	0.17 ± 0.00 (10)	0.17 ± 0.00 (10)	0.17 ± 0.00 (10)	0.17 ± 0.00 (10)	0.16 ± 0.00 (10)
Relative (mg/g)	5.57 ± 0.18 (10) **	5.82 ± 0.13 (10)	5.89 ± 0.10 (10)	5.85 ± 0.15 (10)	6.08 ± 0.11 (10) **	6.20 ± 0.11 (10) **
Liver						
Absolute (g)	1.30 ± 0.04 (10)	1.32 ± 0.03 (10)	1.35 ± 0.03 (10)	1.44 ± 0.06 (10)	1.40 ± 0.06 (10)	1.41 ± 0.05 (10)
Relative (mg/g)	44.79 ± 0.84 (10) **	46.33 ± 1.18 (10)	47.79 ± 0.88 (10)	48.64 ± 1.10 (10) *	50.71 ± 1.23 (10) **	52.96 ± 0.93 (10) **
Lung						
Absolute (g)	0.30 ± 0.01 (10)	0.31 ± 0.02 (10)	0.31 ± 0.01 (10)	0.29 ± 0.01 (10)	0.30 ± 0.01 (10)	0.28 ± 0.01 (10)
Relative (mg/g)	10.52 ± 0.45 (10)	11.04 ± 0.63 (10)	11.00 ± 0.48 (10)	9.93 ± 0.43 (10)	11.10 ± 0.41 (10)	10.56 ± 0.59 (10)
Thymus						
Absolute (g)	0.052 ± 0.002 (10)	0.051 ± 0.002 (10)	0.048 ± 0.001 (10)	0.053 ± 0.003 (10)	0.049 ± 0.002 (10)	0.045 ± 0.002 (10)
Relative (mg/g)	1.78 ± 0.07 (10)	1.81 ± 0.09 (10)	1.72 ± 0.05 (10)	1.79 ± 0.06 (10)	1.78 ± 0.05 (10)	1.71 ± 0.06 (10)

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LEGEND

Data are displayed as mean \pm SEM (N) unless otherwise noted

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 Williams 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 ****