

Experiment Number: C20105B-12

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary

Test Compound: Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 07/05/2017

Time Report Requested: 13:28:28

Lab: NTP

C Number:

C20105B-12

Cage Range:

All

Date Range:

All

Reasons For Removal:

All

Removal Date Range:

All

Treatment Groups:

All

Study Gender:

Both

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	Males											
	Treatment Groups (W/kg)											
	0			5			10			15		
Terminal Body Wt.	24.9	± 0.4	(10)	24.3	± 0.3	(10)	25.2	± 0.4	(10)	25.1	± 0.3	(10)
R. Adrenal gland												
Absolute (g)	0.0032	± 0.0006	(10)	0.0025	± 0.0002	(10)	0.0026	± 0.0006	(10)	0.0030	± 0.0006	(9)
Relative (mg/g)	0.13	± 0.02	(10)	0.10	± 0.01	(10)	0.10	± 0.02	(10)	0.12	± 0.02	(9)
Brain												
Absolute (g)	0.47	± 0.00	(10)	0.46	± 0.00	(10)	0.48	± 0.00	(10)	0.47	± 0.00	(10)
Relative (mg/g)	19.06	± 0.28	(10)	19.14	± 0.13	(10)	19.11	± 0.25	(10)	18.52	± 0.24	(10)
Heart												
Absolute (g)	0.14	± 0.00	(10)	0.13	± 0.00	(10)	0.14	± 0.00	(10)	0.14	± 0.00	(10)
Relative (mg/g)	5.59	± 0.14	(10)	5.52	± 0.12	(10)	5.40	± 0.12	(10)	5.58	± 0.14	(10)
R. Kidney												
Absolute (g)	0.22	± 0.01	(10)	0.21	± 0.01	(10)	0.22	± 0.01	(10)	0.22	± 0.01	(10)
Relative (mg/g)	8.80	± 0.14	(10)	8.77	± 0.16	(10)	8.86	± 0.20	(10)	8.67	± 0.20	(10)
Liver												
Absolute (g)	1.29	± 0.03	(10)	1.24	± 0.02	(10)	1.29	± 0.02	(10)	1.25	± 0.02	(10)
Relative (mg/g)	51.86	± 0.73	(10)	51.26	± 0.73	(10)	51.20	± 0.82	(10)	49.85	± 0.77	(10)
Lung												
Absolute (g)	0.20	± 0.01	(10)	0.18	± 0.00	(10)	0.19	± 0.01	(10)	0.18	± 0.00	(10)
Relative (mg/g)	7.87	± 0.35	(10)	7.55	± 0.16	(10)	7.45	± 0.24	(10)	7.13	± 0.16	(10)
R. Testis												
Absolute (g)	0.094	± 0.005	(10)	0.094	± 0.003	(10)	0.099	± 0.001	(10)	0.096	± 0.003	(10)
Relative (mg/g)	3.79	± 0.21	(10)	3.88	± 0.13	(10)	3.94	± 0.09	(10)	3.81	± 0.11	(10)
Thymus												
Absolute (g)	0.045	± 0.002	(10)	0.045	± 0.001	(10)	0.046	± 0.002	(10)	0.043	± 0.001	(10)
Relative (mg/g)	1.81	± 0.06	(10)	1.86	± 0.04	(10)	1.85	± 0.10	(10)	1.71	± 0.04	(10)

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Females

Treatment Groups (W/kg)

	0			5			10			15		
Terminal Body Wt.	21.7	± 0.3	(10)	21.7	± 0.3	(10)	21.6	± 0.3	(10)	21.2	± 0.3	(10)
R. Adrenal gland												
Absolute (g)	0.0037	± 0.0006	(10)	0.0044	± 0.0005	(10)	0.0037	± 0.0005	(10)	0.0037	± 0.0005	(10)
Relative (mg/g)	0.17	± 0.03	(10)	0.20	± 0.02	(10)	0.17	± 0.03	(10)	0.17	± 0.02	(10)
Brain												
Absolute (g)	0.48	± 0.00	(10)	0.48	± 0.00	(10)	0.48	± 0.00	(10)	0.48	± 0.00	(10)
Relative (mg/g)	22.24	± 0.32	(10)	22.26	± 0.37	(10)	22.29	± 0.29	(10)	22.48	± 0.29	(10)
Heart												
Absolute (g)	0.13	± 0.00	(10)	0.12	± 0.00	(10)	0.13	± 0.00	(10)	0.12	± 0.00	(10)
Relative (mg/g)	6.00	± 0.19	(10)	5.73	± 0.17	(10)	5.89	± 0.16	(10)	5.81	± 0.13	(10)
R. Kidney												
Absolute (g)	0.17	± 0.00	(10) *	0.16	± 0.00	(10)	0.16	± 0.00	(10)	0.15	± 0.00	(10) *
Relative (mg/g)	7.65	± 0.18	(10)	7.21	± 0.14	(10)	7.39	± 0.23	(10)	7.24	± 0.13	(10)
Liver												
Absolute (g)	1.14	± 0.03	(10)	1.14	± 0.02	(10)	1.13	± 0.02	(10)	1.09	± 0.02	(10)
Relative (mg/g)	52.61	± 0.66	(10)	52.79	± 0.74	(10)	52.63	± 0.68	(10)	51.27	± 0.66	(10)
Lung												
Absolute (g)	0.18	± 0.01	(10)	0.20	± 0.01	(10)	0.19	± 0.01	(10)	0.17	± 0.00	(10)
Relative (mg/g)	8.48	± 0.45	(10)	9.14	± 0.34	(10)	8.78	± 0.40	(10)	8.18	± 0.22	(10)
Thymus												
Absolute (g)	0.056	± 0.001	(10)	0.055	± 0.002	(10)	0.054	± 0.002	(10)	0.052	± 0.002	(10)
Relative (mg/g)	2.57	± 0.07	(10)	2.53	± 0.08	(10)	2.52	± 0.08	(10)	2.47	± 0.08	(10)

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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 ****