

**Experiment Number:** C20105B-75

**Test Type:** TOX

**Route:** Whole Body Exposure

**Species/Strain:** Mouse/B6C3F1/N

**PA06: Organ Weights Summary**

**Test Compound:** Cell Phone Radiation: CDMA

**CAS Number:** CELLPRADCDMA

**Date Report Requested:** 07/10/2017

**Time Report Requested:** 10:43:25

**Lab:** NTP

**C Number:**

C20105B-75

**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			2.5			5			10		
Terminal Body Wt.	34.8	± 0.8	(10)	35.5	± 0.4	(10)	33.2	± 0.7	(10)	36.2	± 0.7	(10)
Brain												
Absolute (g)	0.48	± 0.01	(10)	0.48	± 0.01	(10)	0.47	± 0.00	(10)	0.47	± 0.00	(10)
Relative (mg/g)	13.74	± 0.43	(10)	13.46	± 0.21	(10)	14.15	± 0.30	(10)	13.09	± 0.26	(10)
R. Epididymis												
Absolute (g)	0.0504	± 0.0024	(10)	0.0499	± 0.0020	(9)	0.0472	± 0.0021	(9)	0.0521	± 0.0036	(10)
Relative (mg/g)	1.45	± 0.06	(10)	1.41	± 0.07	(9)	1.43	± 0.08	(9)	1.44	± 0.10	(10)
L. Epididymis												
Absolute (g)	0.0478	± 0.0019	(10)	0.0510	± 0.0020	(10)	0.0467	± 0.0011	(10)	0.0508	± 0.0033	(10)
Relative (mg/g)	1.38	± 0.06	(10)	1.44	± 0.05	(10)	1.41	± 0.03	(10)	1.40	± 0.09	(10)
Heart												
Absolute (g)	0.16	± 0.00	(9)	0.16	± 0.00	(9)	0.16	± 0.00	(10)	0.16	± 0.01	(10)
Relative (mg/g)	4.52	± 0.09	(9)	4.65	± 0.11	(9)	4.70	± 0.10	(10)	4.35	± 0.09	(10)
R. Kidney												
Absolute (g)	0.27	± 0.01	(10) *	0.28	± 0.00	(10)	0.25	± 0.01	(10) *	0.25	± 0.01	(10)
Relative (mg/g)	7.80	± 0.17	(10) **	7.99	± 0.16	(10)	7.54	± 0.17	(10)	6.99	± 0.17	(10) **
L. Kidney												
Absolute (g)	0.26	± 0.01	(10) **	0.27	± 0.01	(9)	0.24	± 0.00	(10) **	0.24	± 0.00	(10) **
Relative (mg/g)	7.54	± 0.15	(10) **	7.57	± 0.23	(9)	7.10	± 0.17	(10)	6.57	± 0.12	(10) **
Liver												
Absolute (g)	1.54	± 0.05	(10)	1.58	± 0.06	(10)	1.39	± 0.04	(10) *	1.49	± 0.04	(10)
Relative (mg/g)	44.27	± 0.73	(10) **	44.37	± 1.38	(10)	41.76	± 0.70	(10)	41.25	± 0.85	(10) *
Lung												
Absolute (g)	0.28	± 0.02	(10)	0.28	± 0.02	(10)	0.27	± 0.02	(10)	0.31	± 0.03	(10)
Relative (mg/g)	7.84	± 0.58	(10)	7.84	± 0.55	(10)	8.13	± 0.46	(10)	8.62	± 0.80	(10)
R. Testis												
Absolute (g)	0.110	± 0.002	(10)	0.109	± 0.005	(10)	0.110	± 0.003	(10)	0.110	± 0.003	(10)
Relative (mg/g)	3.16	± 0.10	(10)	3.09	± 0.14	(10)	3.31	± 0.10	(10)	3.04	± 0.09	(10)

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Males				
Treatment Groups (W/kg)				
	0	2.5	5	10
L. Testis				
Absolute (g)	0.104 ± 0.002 (10)	0.106 ± 0.005 (10)	0.105 ± 0.001 (10)	0.109 ± 0.002 (10)
Relative (mg/g)	3.01 ± 0.12 (10)	2.99 ± 0.14 (10)	3.18 ± 0.07 (10)	3.01 ± 0.07 (10)
Thymus				
Absolute (g)	0.035 ± 0.002 (10)	0.035 ± 0.002 (10)	0.033 ± 0.001 (10)	0.043 ± 0.002 (10) *
Relative (mg/g)	1.02 ± 0.07 (10)	1.00 ± 0.06 (10)	1.00 ± 0.03 (10)	1.18 ± 0.05 (10)

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Females

Treatment Groups (W/kg)

	0			2.5			5			10		
Terminal Body Wt.	24.4	± 0.4	(10)	25.5	± 0.5	(10)	25.7	± 0.7	(10)	24.5	± 0.3	(10)
Brain												
Absolute (g)	0.49	± 0.00	(10)	0.50	± 0.01	(10)	0.49	± 0.01	(10)	0.49	± 0.00	(10)
Relative (mg/g)	20.21	± 0.32	(10)	19.64	± 0.50	(10)	19.28	± 0.42	(10)	20.04	± 0.27	(10)
Heart												
Absolute (g)	0.15	± 0.01	(10)	0.17	± 0.01	(10)	0.16	± 0.01	(10)	0.15	± 0.00	(10)
Relative (mg/g)	6.24	± 0.25	(10)	6.50	± 0.15	(10)	6.30	± 0.28	(10)	6.11	± 0.16	(10)
R. Kidney												
Absolute (g)	0.18	± 0.00	(10)	0.18	± 0.01	(10)	0.18	± 0.00	(10)	0.16	± 0.00	(10)
Relative (mg/g)	7.26	± 0.13	(10) *	7.16	± 0.17	(10)	7.13	± 0.22	(10)	6.68	± 0.17	(10)
L. Kidney												
Absolute (g)	0.16	± 0.00	(10)	0.17	± 0.00	(10)	0.17	± 0.00	(10)	0.15	± 0.00	(10)
Relative (mg/g)	6.52	± 0.16	(10)	6.54	± 0.11	(10)	6.47	± 0.20	(10)	6.20	± 0.16	(10)
Liver												
Absolute (g)	1.21	± 0.03	(10)	1.26	± 0.03	(10)	1.25	± 0.02	(10)	1.17	± 0.04	(10)
Relative (mg/g)	49.60	± 0.66	(10)	49.38	± 0.72	(10)	48.97	± 0.89	(10)	47.65	± 1.15	(10)
Lung												
Absolute (g)	0.31	± 0.02	(10)	0.33	± 0.02	(10)	0.33	± 0.01	(10)	0.31	± 0.01	(10)
Relative (mg/g)	12.59	± 0.60	(10)	13.03	± 0.48	(10)	12.87	± 0.40	(10)	12.67	± 0.52	(10)
R. Ovary												
Absolute (g)	0.0077	± 0.0004	(10)	0.0080	± 0.0007	(10)	0.0071	± 0.0007	(10)	0.0068	± 0.0005	(10)
Relative (mg/g)	0.32	± 0.02	(10)	0.32	± 0.03	(10)	0.28	± 0.03	(10)	0.28	± 0.02	(10)
L. Ovary												
Absolute (g)	0.0069	± 0.0009	(10)	0.0068	± 0.0005	(10)	0.0060	± 0.0006	(10)	0.0055	± 0.0005	(10)
Relative (mg/g)	0.28	± 0.04	(10)	0.27	± 0.02	(10)	0.23	± 0.03	(10)	0.22	± 0.02	(10)
Thymus												
Absolute (g)	0.041	± 0.003	(10)	0.043	± 0.002	(10)	0.044	± 0.002	(10)	0.045	± 0.001	(10)
Relative (mg/g)	1.66	± 0.10	(10)	1.70	± 0.04	(10)	1.71	± 0.05	(10)	1.83	± 0.05	(10)

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#### LEGEND

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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 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 \*\***