

Experiment Number: C20105-11

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Mouse/B6C3F1/N

PA06: Organ Weights Summary

Test Compound: Cell Phone Radiation: GSM

CAS Number: CELLPRADGSM

Date Report Requested: 07/05/2017

Time Report Requested: 13:14:17

Lab: NTP

C Number: C20105-11

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)	25.2	± 0.4	(10)	24.7	± 0.3	(10)	25.0	± 0.4	(10)
R. Adrenal gland												
Absolute (g)	0.0032 ± 0.0006 (10)			0.0025 ± 0.0003 (10)			0.0031 ± 0.0006 (9)			0.0030 ± 0.0003 (10)		
Relative (mg/g)	0.13 ± 0.02 (10)			0.10 ± 0.01 (10)			0.12 ± 0.02 (9)			0.12 ± 0.01 (10)		
Brain												
Absolute (g)	0.47 ± 0.00 (10)			0.47 ± 0.00 (10)			0.47 ± 0.00 (10)			0.47 ± 0.00 (10)		
Relative (mg/g)	19.06 ± 0.28 (10)			18.63 ± 0.24 (10)			18.86 ± 0.25 (10)			18.78 ± 0.33 (10)		
Heart												
Absolute (g)	0.14 ± 0.00 (10)			0.14 ± 0.00 (10)			0.14 ± 0.00 (10)			0.14 ± 0.00 (10)		
Relative (mg/g)	5.59 ± 0.14 (10)			5.41 ± 0.14 (10)			5.50 ± 0.10 (10)			5.57 ± 0.15 (10)		
R. Kidney												
Absolute (g)	0.22 ± 0.01 (10)			0.23 ± 0.00 (10)			0.22 ± 0.00 (10)			0.22 ± 0.01 (10)		
Relative (mg/g)	8.80 ± 0.14 (10)			9.07 ± 0.14 (10)			8.90 ± 0.12 (10)			8.64 ± 0.15 (10)		
Liver												
Absolute (g)	1.29 ± 0.03 (10)			1.29 ± 0.03 (10)			1.25 ± 0.03 (10)			1.23 ± 0.03 (10)		
Relative (mg/g)	51.86 ± 0.73 (10) *			51.24 ± 0.80 (10)			50.63 ± 0.94 (10)			49.16 ± 0.95 (10)		
Lung												
Absolute (g)	0.20 ± 0.01 (10)			0.19 ± 0.01 (9)			0.20 ± 0.01 (10)			0.19 ± 0.01 (10)		
Relative (mg/g)	7.87 ± 0.35 (10)			7.44 ± 0.41 (9)			8.14 ± 0.45 (10)			7.45 ± 0.54 (10)		
R. Testis												
Absolute (g)	0.094 ± 0.005 (10)			0.097 ± 0.002 (10)			0.093 ± 0.005 (10)			0.097 ± 0.002 (10)		
Relative (mg/g)	3.79 ± 0.21 (10)			3.88 ± 0.09 (10)			3.75 ± 0.21 (10)			3.87 ± 0.06 (10)		
Thymus												
Absolute (g)	0.045 ± 0.002 (10)			0.046 ± 0.001 (10)			0.046 ± 0.001 (10)			0.047 ± 0.002 (10)		
Relative (mg/g)	1.81 ± 0.06 (10)			1.84 ± 0.04 (10)			1.84 ± 0.05 (10)			1.89 ± 0.11 (10)		

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Females												
Treatment Groups (W/kg)												
	0			5			10			15		
Terminal Body Wt.	21.7	± 0.3	(10) **	21.9	± 0.2	(10)	21.2	± 0.2	(10)	21.0	± 0.2	(10) *
R. Adrenal gland												
Absolute (g)	0.0037 ± 0.0006 (10)			0.0031 ± 0.0006 (10)			0.0037 ± 0.0005 (10)			0.0036 ± 0.0003 (10)		
Relative (mg/g)	0.17 ± 0.03 (10)			0.14 ± 0.03 (10)			0.18 ± 0.02 (10)			0.17 ± 0.01 (10)		
Brain												
Absolute (g)	0.48 ± 0.00 (10) *			0.49 ± 0.00 (10)			0.47 ± 0.00 (10)			0.47 ± 0.00 (10)		
Relative (mg/g)	22.24 ± 0.32 (10)			22.15 ± 0.18 (10)			22.21 ± 0.24 (10)			22.56 ± 0.27 (10)		
Heart												
Absolute (g)	0.13 ± 0.00 (10) **			0.13 ± 0.00 (10)			0.12 ± 0.00 (10)			0.12 ± 0.00 (10) *		
Relative (mg/g)	6.00 ± 0.19 (10)			5.85 ± 0.11 (10)			5.77 ± 0.12 (10)			5.62 ± 0.17 (10)		
R. Kidney												
Absolute (g)	0.17 ± 0.00 (10) *			0.16 ± 0.00 (10)			0.15 ± 0.00 (10)			0.16 ± 0.00 (10)		
Relative (mg/g)	7.65 ± 0.18 (10)			7.44 ± 0.13 (10)			7.27 ± 0.18 (10)			7.39 ± 0.11 (10)		
Liver												
Absolute (g)	1.14 ± 0.03 (10) *			1.18 ± 0.02 (10)			1.10 ± 0.02 (10)			1.07 ± 0.03 (10)		
Relative (mg/g)	52.61 ± 0.66 (10)			53.72 ± 0.85 (10)			51.77 ± 0.92 (10)			50.72 ± 0.95 (10)		
Lung												
Absolute (g)	0.18 ± 0.01 (10)			0.19 ± 0.01 (10)			0.17 ± 0.01 (10)			0.17 ± 0.00 (10)		
Relative (mg/g)	8.48 ± 0.45 (10)			8.45 ± 0.34 (10)			8.18 ± 0.25 (10)			8.06 ± 0.19 (10)		
Thymus												
Absolute (g)	0.056 ± 0.001 (10)			0.057 ± 0.001 (10)			0.054 ± 0.001 (10)			0.055 ± 0.002 (10)		
Relative (mg/g)	2.57 ± 0.07 (10)			2.59 ± 0.04 (10)			2.53 ± 0.07 (10)			2.62 ± 0.11 (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 ****