

Experiment Number: C20105-75

Test Type: TOX

Route: Whole Body Exposure

Species/Strain: Mouse/B6C3F1/N

R06: Andrology Summary

Test Compound: Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 03/23/2017

Time Report Requested: 10:18:17

Lab: NTP

C Number:

C20105-75

Cage Range:

All

Date Range:

All

Reasons For Removal:

All

Removal Date Range:

All

Treatment Groups:

All

Study Gender:

Both

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Male

Generation	Litter ID	Terminal Sac	Cohort	Treatment Groups (W/kg)								
				0		2.5		5		10		
		SD 93 - 93		No. Examined	10		10		10		10	
				Testis Weight (g)	0.104 ± 0.002		0.106 ± 0.005		0.105 ± 0.001		0.109 ± 0.002	
				Testicular Spermatid Count (10 ⁶)	21.9 ± 1.9		21.2 ± 1.9		23.4 ± 1.6		22.5 ± 1.8	
				Testicular Spermatid Count per mg Testis (10 ³ /mg)	210.6 ± 17.0		196.6 ± 11.1		222.8 ± 15.0		205.4 ± 14.6	
				Epididymis Weight (g)	0.048 ± 0.002		0.051 ± 0.002		0.047 ± 0.001		0.051 ± 0.003	
				Cauda Epididymis Weight (g)	0.020 ± 0.001		0.021 ± 0.001		0.020 ± 0.000		0.021 ± 0.000	
				Cauda Epididymis Sperm Count (millions)	24.2 ± 4.7		18.5 ± 4.8		13.0 ± 2.1		18.4 ± 1.5	
				Sperm Count per mg Cauda Epididymis (10 ³ /mg)	1254.1 ± 258.5		851.4 ± 181.3		674.6 ± 118.8		892.2 ± 69.2	
				Percent Motile Sperm	73.5 ± 5.7		66.3 ± 6.7		67.5 ± 5.9		68.1 ± 8.3	

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LEGEND

Data are displayed as mean \pm SEM

Statistical analysis performed by Jonckheere (trend) and then a pairwise test. William/Dunnett pairwise tests are used for organ weights, Shirley/Dunn pairwise tests are used for all other endpoints.

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

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

**** END OF REPORT ****