

Experiment Number: C20105-56

Test Type: TOX

Route: Whole Body Exposure

Species/Strain: Rat/Harlan Sprague Dawley

R06: Andrology Summary

Test Compound: Cell Phone Radiation: CDMA

CAS Number: CELLPRADCDMA

Date Report Requested: 03/23/2017

Time Report Requested: 10:16:16

Lab: NTP

C Number:

C20105-56

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		1.5		3		6		
		SD 94 - 94		No. Examined	10		10		10		10	
				Testis Weight (g)	2.083 ± 0.059		2.116 ± 0.055		2.102 ± 0.036		1.836 ± 0.160	
				Testicular Spermatid Count (10 ⁶)	305.1 ± 11.2		281.0 ± 12.5		280.7 ± 10.1		253.7 ± 30.1	
				Testicular Spermatid Count per mg Testis (10 ³ /mg)	147.3 ± 6.0		133.9 ± 7.6		133.6 ± 4.5		129.5 ± 12.9	
				Epididymis Weight (g)	0.640 ± 0.021		0.667 ± 0.014		0.649 ± 0.015		0.587 ± 0.043	
				Cauda Epididymis Weight (g)	0.266 ± 0.011		0.284 ± 0.008		0.274 ± 0.009		0.249 ± 0.017	
				Cauda Epididymis Sperm Count (millions)	247.7 ± 68.9		206.0 ± 36.4		243.9 ± 36.4		201.8 ± 29.7	
				Sperm Count per mg Cauda Epididymis (10 ³ /mg)	909.3 ± 243.5		742.9 ± 140.7		906.2 ± 144.4		775.8 ± 106.6	
				Percent Motile Sperm	91.5 ± 1.4		90.9 ± 1.0		88.7 ± 4.0		81.9 ± 9.2	

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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 ****