

**Experiment Number:** C20105-78

**Test Type:** TOX

**Route:** Whole Body Exposure

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

**C Number:**

C20105-78

**Cage Range:**

All

**Date Range:**

All

**Reasons For Removal:**

All

**Removal Date Range:**

All

**Treatment Groups:**

All

**Study Gender:**

Both

**R06: Andrology Summary**

**Test Compound:** Cell Phone Radiation: GSM

**CAS Number:** CELLPRADGSM

**Date Report Requested:** 03/23/2017

**Time Report Requested:** 10:15:00

**Lab:** NTP

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**R06: Andrology Summary**  
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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 ± 0.002		0.101 ± 0.007		0.105 ± 0.002	
			Testicular Spermatid Count (10 <sup>6</sup> )	21.9 ± 1.9		22.2 ± 1.6		20.2 ± 3.0		22.4 ± 1.4	
			Testicular Spermatid Count per mg Testis (10 <sup>3</sup> /mg)	210.6 ± 17.0		208.2 ± 13.9		186.4 ± 26.6		213.0 ± 12.2	
			Epididymis Weight (g)	0.048 ± 0.002		0.050 ± 0.003		0.050 ± 0.003		0.047 ± 0.002	
			Cauda Epididymis Weight (g)	0.020 ± 0.001		0.020 ± 0.001		0.021 ± 0.001		0.019 ± 0.001	
			Cauda Epididymis Sperm Count (millions)	24.2 ± 4.7		18.0 ± 3.2		18.3 ± 2.2		15.9 ± 2.5	
			Sperm Count per mg Cauda Epididymis (10 <sup>3</sup> /mg)	1254.1 ± 258.5		921.1 ± 164.5		880.0 ± 122.2		825.1 ± 129.7	
			Percent Motile Sperm	73.5 ± 5.7		66.8 ± 6.1		66.2 ± 7.9		76.8 ± 5.0	

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LEGEND

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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 \*\***