

Table 1. Maternal organ weights and plasma glucose and IGF-1 concentrations.

Data are presented as mean \pm SEM. There are no significant differences across any of the treatment groups.

Parameters	GH-V treatment				
	Vehicle (n=7)	0.25mg/kg (n=6)	1mg/kg (n=6)	2mg/kg (n=6)	5mg/kg (n=7)
Liver wt (mg)	1540 \pm 42.69	1538 \pm 34.32	1565 \pm 36.31	1492 \pm 39.44	1490 \pm 67.77
Kidney wt (mg)	139.0 \pm 4.35	150.9 \pm 3.83	145.3 \pm 6.13	148.3 \pm 6.77	150.6 \pm 8.77
Spleen wt (mg)	124.1 \pm 20.77	126.3 \pm 14.51	93.3 \pm 4.32	97.2 \pm 5.26	115.3 \pm 10.01
Pancreas wt (mg)	213.9 \pm 12.59	179.8 \pm 13.92	210.8 \pm 16.87	219.2 \pm 7.99	224.3 \pm 15.62
Fed glucose (mmol/L)	14.10 \pm 0.95	15.18 \pm 0.78	13.40 \pm 0.55	14.60 \pm 0.48	13.76 \pm 0.96
Fasting glucose (mmol/L)	5.99 \pm 0.41	5.70 \pm 0.24	6.92 \pm 0.53	6.93 \pm 0.89	7.16 \pm 0.93
IGF-1 at GD 12.5 (ng/ml)	325.7 \pm 21.43	290.4 \pm 26.06	280.0 \pm 21.03	300.8 \pm 16.98	290.7 \pm 16.18
IGF-1 at GD 15.5 (ng/ml)	308.0 \pm 10.59	313.8 \pm 32.55	308.2 \pm 17.54	332.7 \pm 17.54	339.6 \pm 20.20
IGF-1 at GD 18.5 (ng/ml)	244.5 \pm 33.56	205.1 \pm 11.42	281.1 \pm 22.44	250.4 \pm 31.09	247.5 \pm 35.91

Table 2. Fetal and Placental Measurements.

Data are presented as mean \pm SEM. N = number of litters per group. There are no significant differences across any of the treatment groups. ^aNumber of reabsorbed embryos/total number of embryos each group.

Parameters	GH-V treatment				
	Vehicle (n=7)	0.25mg/kg (n=6)	1mg/kg (n=6)	2mg/kg (n=6)	5mg/kg (n=7)
Litter size	8.71 \pm 0.36	9.00 \pm 0.57	9.17 \pm 0.48	8.00 \pm 0.45	8.00 \pm 0.93
Pup wt (mg)	1235 \pm 25.56	1188 \pm 11.2	1188 \pm 26.71	1169 \pm 25.62	1165 \pm 33.54
Placental wt (mg)	85.1 \pm 2.24	81.9 \pm 1.46	82.2 \pm 2.75	82.7 \pm 0.72	86.9 \pm 3.16
Fetal-to-placental ratio	14.5 \pm 0.48	14.7 \pm 0.21	14.7 \pm 0.40	14.3 \pm 0.29	13.5 \pm 0.44
Reabsorption rate (%) ^a	0	0	1.79	0	6.56