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

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

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

**Table 2. Fetal and Placental Measurements**.

Data are presented as mean ± 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.

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