**S2 Table. Reproductive Characteristics \***

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| --- | --- | --- |
| **Variable** | **Control Diet**  **(n=4)** | **High Fat High Fructose Diet**  **(n=6)** |
|  |  |  |
| Menstrual cycle length, days | 28.2 (0.8) 0.34  26.6 (1.0) 0.19 | 30.1 (0.5) 0.34  28.6 (1.1) 0.21 |
| AMH at baseline, ng/ml | 6.6 (1.6) | 4.0 (1.0) |
| Urinary Hormone Metabolites |  |  |
| Mean Luteal pdg, ng/mgCr |  |  |
| Baseline | 331.7 (65.1) 0.34 | 292.9 (75.0) 0.34 |
| 10 months | 398.7 (61.3) 0.34 | 386.6 (36.2) 0.29 |
| Mean Follicular E1c, ng/mgCr |  |  |
| Baseline | 105.2 (14.3) 0.34 | 97.1 (11.4) 0.34 |
| 10 months | 74.2 (6.9) 0.22 | 72.5 (2.3) 0.12 |
|  |  |  |

Values in table are mean (standard error of mean)

\* Superscripts are P values for within the group comparisons for 10 month values (vs. baseline)