**Supplemental Table 3. Maternal serum hormone concentrations in the third trimester and at delivery in singletons by sex**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Third Trimester1** | | | | | | **Delivery2** | | | | | |
| **Maternal Hormone** | **Female** | | **Male** | | **% difference3** | **p** | **Female** | |  | **Male** | **% difference3** | **p** |
|  | **n** | **mean (SE)** | **n** | **mean (SE)** |  |  | **n** | **mean (SE)** | **n** | **mean (SE)** |  |  |
| Androstenedione (ng/ml) | 20 | 0.9 (0.1) | 19 | 1.3 (0.2) | -30.8% | 0.04 | 24 | 1.3 (0.1) | 32 | 1.4 (0.2) | -7.1% | 0.27 |
| Testosterone (ng/dl) | 20 | 4.4 (0.1) | 19 | 4.8 (0.2) | -8.3% | 0.09 | 24 | 4.7 (0.1) | 32 | 4.9 (0.2) | -4.1% | 0.21 |
| Estradiol (ng/ml) | 20 | 2.8 (0.1) | 19 | 3.1 (0.1) | -9.7% | 0.06 | 24 | 3.1 (0.2) | 32 | 3.3 (0.2) | -6.1% | 0.50 |
| Estriol (ng/ml) | 24 | 2.8 (0.1) | 32 | 2.9 (0.1) | -3.4% | 0.50 | 24 | 2.7 (0.1) | 32 | 2.8 (0.1) | -3.6% | 0.47 |
| IGF-1 (ng/ml) | 20 | 5.5 (0.1) | 19 | 5.6 (0.1) | -1.8% | 0.57 | 24 | 5.6 (0.1) | 32 | 5.6 (0.1) | 0.0% | 0.93 |
| IGFBP-3 (μg/ml) | 20 | 1.6 (0.1) | 19 | 1.6 (0.1) | 0.0% | 0.72 | 24 | 1.6 (0.1) | 32 | 1.7 (0.1) | -5.9% | 0.48 |
| Prolactin (ng/ml) | 20 | 4.7 (0.1) | 19 | 5.1 (0.1) | -7.8% | <0.01 | 24 | 4.8 (0.1) | 32 | 4.9 (0.2) | -2.0% | 0.78 |

1 adjusted for centered pregnancy length at blood draw.

2 adjusted for centered gestational week at blood draw.

3 per cent difference was calculated as (meanfemale–meanmale)/meanfemale.

4 all hormones are log-transformed