**Supplemental Table 1. Maternal serum hormone concentrations in singletons and by chronicity of the twin pregnancy**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Third Trimester1** | | | | | | | | **Delivery2** | | | | | | | |
| **Maternal Hormone** | **Mono-**  **chorionic** | | **p3** | **Dichorionic** | | **p4** | **Singleton** | | **Mono-chorionic** | | **p3** | **Dichorionic** | | **p4** | **Singleton** | |
|  | **n** | **x**  **(SE)** |  | **n** | **x**  **(SE)** |  | **n** | **x (SE)** | **n** | **x (SE)** |  | **n** | **x**  **(SE)** |  | **n** | **x (SE)** |
| Androstenedione (ng/ml) | 5 | 1.3 (0.3) | 0.46 | 36 | 1.4 (0.1) | 0.04 | 39 | 1.1 (0.1) | 5 | 1.6 (0.3) | 0.40 | 33 | 1.5 (0.1) | 0.24 | 56 | 1.3 (0.1) |
| Testosterone (ng/dl) | 5 | 4.6 (0.3) | 0.84 | 36 | 4.7 (0.1) | 0.39 | 39 | 4.6 (0.1) | 5 | 4.9 (0.3) | 0.67 | 34 | 4.8 (0.1) | 0.92 | 56 | 4.8 (0.1) |
| Estradiol (ng/ml) | 5 | 3.4 (0.2) | 0.02 | 36 | 3.5 (0.1) | <0.001 | 39 | 2.9 (0.1) | 5 | 3.7 (0.4) | 0.28 | 34 | 3.7 (0.2) | 0.013 | 56 | 3.2 (0.1) |
| Estriol (ng/ml) | 5 | 2.9 (0.2) | 0.64 | 33 | 3.3 (0.1) | <0.001 | 56 | 2.8 (0.1) | 5 | 3.1 (0.2) | 0.12 | 33 | 3.4 (0.1) | <0.001 | 56 | 2.8 (0.1) |
| IGF-1 (ng/ml) | 5 | 5.8 (0.2) | 0.18 | 36 | 6.0 (0.1) | <0.001 | 39 | 5.5 (0.1) | 5 | 5.8 (0.3) | 0.34 | 33 | 5.7 (0.1) | 0.22 | 56 | 5.6 (0.1) |
| IGFBP-3 (μg/ml) | 5 | 1.7 (0.1) | 0.25 | 36 | 1.8 (0.1) | 0.02 | 39 | 1.6 (0.0) | 5 | 1.8 (0.2) | 0.29 | 34 | 1.8 (0.1) | 0.02 | 56 | 1.6 (0.0) |
| Prolactin (ng/ml) | 5 | 5.0 (0.2) | 0.38 | 36 | 4.9 (0.1) | 0.37 | 39 | 4.8 (0.1) | 5 | 4.9 (0.3) | 0.99 | 34 | 5.1 (0.1) | 0.07 | 56 | 4.9 (0.1) |

1 adjusted for pregnancy length at time of blood draw.

2 adjusted for gestational age at delivery.

3 p-values refer to comparisons of hormones in monochorionic twins with singletons.

4 p-values refer to comparisons of hormones in dichorionic twins with singletons.

5 all hormones are log-transformed