

Aye et al., Supplemental Table S1

Supplemental Table 1. Clinical characteristics of the study population stratified by sample analysis

Placental Samples	Normal	Overweight	Obese	Range
	BMI < 25	BMI 25–30	BMI > 30	All BMI
N	13	10	9	32
BMI (kg/m ²)	22.9 ± 0.4 ^a	27.7 ± 0.4 ^a	33.1 ± 1.0 ^a	20 – 38.9
Weight gain (kg)	15.3 ± 1.0 ^a	13.8 ± 1.6 ^a	12.6 ± 1.6 ^a	3.8 – 21.8
Maternal age (yrs)	28.1 ± 1.6 ^a	28.1 ± 1.7 ^a	27.4 ± 1.7 ^a	19 – 41
Gestational age (wks)	39.0 ± 0.3 ^a	38.7 ± 0.3 ^a	39.2 ± 0.2 ^a	37 – 41
Gravidity	2.8 ± 0.2 ^a	3.9 ± 0.6 ^a	3.4 ± 0.5 ^a	2 – 7
Parity	1.3 ± 0.1 ^a	1.5 ± 0.2 ^a	1.7 ± 0.2 ^a	0 – 5
Placental weight (g)	699 ± 23 ^a	720 ± 32 ^a	733 ± 51 ^a	448 – 1037
Birth weight (g)	3238 ± 50 ^a	3329 ± 93 ^{ab}	3457 ± 50 ^b	2787 – 3907
Fetal Sex (M/F)	11/2	3/7	4/5	
Ethnicity (Hispanic/Non-Hispanic)	9/4	8/2	6/3	

Maternal/Fetal Plasma	Normal	Overweight	Obese	Range
	BMI < 25	BMI 25–30	BMI > 30	All BMI
N	16	11	22	49
BMI (kg/m ²)	22.1 ± 0.4 ^a	27.5 ± 0.4 ^b	34.8 ± 1.3 ^c	19.5 – 54.3
Weight gain (kg)	13.6 ± 1.1 ^a	13.2 ± 1.2 ^a	7.4 ± 1.3 ^b	-5.5 – 23.8
Maternal age (yrs)	29.1 ± 1.9 ^a	28.6 ± 2.0 ^a	26.7 ± 1.1 ^a	18 – 44
Gestational age (wks)	39.1 ± 0.3 ^a	38.9 ± 0.2 ^a	39.2 ± 0.2 ^a	37 – 41
Gravidity	2.9 ± 0.2 ^a	3.5 ± 0.5 ^a	3.5 ± 0.3 ^a	2 – 7
Parity	1.5 ± 0.2 ^a	1.6 ± 0.2 ^a	1.9 ± 0.2 ^a	0 – 5
Placental weight (g)	668 ± 31 ^a	738 ± 33 ^a	717 ± 30 ^a	448 – 1049
Birth weight (g)	3251 ± 62 ^a	3327 ± 111 ^a	3466 ± 58 ^a	2787 – 3923
Fetal Sex (M/F)	8/8	3/8	9/13	
Ethnicity (Hispanic/Non-Hispanic)	9/7	9/2	18/4	

Table represents the demographics of the study cohort stratified by placental samples or maternal/fetal plasma. There was a total of 21 overlapping samples between the two sample sets.