

Supplemental Table 2: Maternal blood and cord blood cytokine comparisons by trimester of maternal infection

Cytokine	Control N=28 Mean (SD)	1 st / 2 nd Trimester COVID N=18 Mean (SD)	3 rd Trimester COVID N=10 Mean (SD)	P-value Control vs 1 st /2 nd	P-Value Control vs 3 rd	P-Value 1 st /2 nd vs 3 rd
Maternal Blood						
IL-1 β	20.7 (44.0)	176.3 (390.7)	n/c	0.67	n/c	n/c
IL-6	26.9 (57.9)	667.4 (1027.1)	328.2 (435.5)	0.02	0.09	0.38
TNF- α	19.7 (46.5)	n/c	n/c	n/c	n/c	n/c
IP-10	95.8 (91.5)	370.1 (646.1)	593.0 (484.2)	0.08	0.009	0.35
IFN- λ 1	21.1 (12.4)	441.2 (554.4)	23.4 (8.7)	0.07	0.72	0.27
IL-8	57.8 (220.7)	346.8 (474.7)	164.9 (227.4)	0.05	0.31	0.32
IL-12p70	5.2 (12.1)	349.9 (97.3)	n/c	0.13	n/c	n/c
IFN- α 2	18.1 (34.2)	177.7 (520.9)	72.0 (211.5)	0.45	0.70	0.75
IFN- λ 2/3	126.5 (159.6)	1347.6 (2583.5)	333.0 (819.8)	0.26	0.78	0.62
GM-CSF	19.1 (35.2)	179.8 (437.3)	n/c	0.59	n/c	n/c
IFN- β	36.2 (51.8)	307.0 (337.6)	n/c	0.02	n/c	n/c
IL-10	10.3 (24.7)	447.1 (391.2)	73.6 (214.9)	0.04	0.66	0.18
IFN- γ	25.2 (70.8)	119.1 (475.4)	n/c	0.83	n/c	n/c
Cord Blood						
IL-1 β	69.1 (274.9)	1253.7 (810.5)	85.4 (6.3)	0.29	0.91	0.18
IL-6	34.4 (65.5)	634.1 (580.5)	567.1 (776.7)	0.0007	0.15	0.83
TNF- α	7.1 (14.2)	218.5 (464.2)	n/c	0.51	n/c	n/c
IP-10	74.4 (60.9)	514.1 (334.6)	406.3 (375.8)	<0.0001	0.04	0.48
IFN- λ 1	10.5 (8.3)	130.3 (351.7)	11.4 (9.3)	0.54	0.88	0.59
IL-8	137.7 (286.2)	2690.3 (5471.3)	3009.2 (6343.0)	0.07	0.24	0.90
IL-12p70	3.7 (5.7)	251.3 (28.7)	n/c	0.05	n/c	n/c
IFN- α 2	2.8 (5.9)	129.9 (448.8)	n/c	0.67	n/c	n/c
IFN- λ 2/3	117.2 (56.3)	700.3 (2207.4)	n/c	0.69	n/c	n/c
GM-CSF	12.8 (21.0)	n/c	n/c	n/c	n/c	n/c
IFN- β	74.3 (246.4)	171.1 (284.2)	53.6 (102.9)	0.56	0.89	0.60
IL-10	6.4 (14.5)	114.8 (229.9)	35.5 (65.7)	0.35	0.53	0.50
IFN- γ	17.3 (31.8)	n/c	9.8 (1.9)	n/c	0.80	n/c

Abbreviations: MD = mean difference; CI = confidence interval; IL = interleukin; TNF = tumor necrosis factor; IFN = interferon; GM-CSF = granulocyte-macrophage colony-stimulating factor; IP = interferon gamma induced protein; n/c = not able to calculate