

	Total (N=49) N (%) or Median (25 th , 75 th)
Pregnancy/Infant characteristics	
Maternal age (years)	33 (30, 37)
Parity	2 (1, 2)
Maternal Race	
Black	34 (69)
White	8 (16)
Asian	2 (4)
Other	5 (10)
Hispanic ethnicity	10 (20)
Diabetes in pregnancy	17 (35)
Pre-pregnancy obesity	24 (50)
Hypertensive disorder in pregnancy	12 (25)
C-section	27 (55)
Gestational age at birth (weeks)	35.0 (34.0, 38.3)
Preterm (< 37 weeks)	33 (69)
NICU admission	45 (92)
Postpartum day sample collected (days)	3.2 (1.8, 4.2)
Time to sample processing (days)	1.0 (0.4, 1.8)
Human milk bioactive substances	
Leptin (pg/mL)	508.4 (240.2, 1375.9)
Adiponectin (ng/mL)	38.5 (21.8, 102.8)
Insulin (mU/L)	22.1 (7.4, 55.2)
Alanine (nMol/mL)	134.6 (80.6, 274.9)
Arginine (nMol/mL)	68.9 (46.1, 147.2)
Aspartic acid (nMol/mL)	91.3 (52.2, 175.6)
Citrulline (nMol/mL)	12.3 (5.1, 20.4)
Cystine (nMol/mL)	16.9 (9.3, 30.6)
Glutamic acid (nMol/mL)	801.2 (558.0, 1,600.1)
Glutamine (nMol/mL)	17.3 (9.7, 38.1)
Glycine (nMol/mL)	77.9 (41.4, 136.2)
Histidine (nMol/mL)	33.1 (20.7, 56.3)
Isoleucine (nMol/mL)	26.2 (14.6, 88.3)
Leucine (nMol/mL)	42.4 (23.4, 185.0)
Lysine (nMol/mL)	98.0 (44.5, 246.9)
Methionine (nMol/mL)	22.9 (11.1, 52.3)
Phosphoethanolamine (nMol/mL)	77.5 (30.6, 98.9)
Phenylalanine (nMol/mL)	20.2 (9.6, 57.6)
Proline (nMol/mL)	120.3 (51.4, 421.1)
Phosphoserine (nMol/mL)	91.7 (53.6, 208.9)
Serine (nMol/mL)	79.9 (45.6, 140.7)
Taurine (nMol/mL)	373.6 (205.5, 501.7)
Threonine (nMol/mL)	80.0 (67.0, 207.1)
Tyrosine (nMol/mL)	28.9 (13.4, 95.9)
Valine (nMol/mL)	53.3 (31.2, 175.7)