

Table 1.1.3. Biological data generated from **plasma** samples collected from **MoBa mothers**

MoBaBIO product	Collection timepoint	Available biomarkers	Biomarker definition	Analytical methodology	No. of unique participants
Mab001	Pregnancy	Cob_F	Cobalamin	Microbiological assay	2989
		spFolate_F	Folate		2989
		AA_A	Anthranilic acid	GS-MS	2907
		Cysta_A	Cystathionine		2980
		Glycine_A	Glycine		2983
		Kyn_A	Kynurenine		2981
		Met_A	Methionine		2983
		MMA_A	Methylmalonic acid		2980
		Serine_A	Serine		2982
		tCys_A	Total cysteine		2983
		tHcy_A	Total homocysteine		2983
		Trp_B	Tryptophan		2981
		HAA_D	3-Hydroxyanthranilic acid	LS-MS	2976
		HK_D	3-Hydroxykynurenine		2976
		Arg_C	Arginine		2987
		ADMA_C	Asymmetric dimethylarginine		2987
		Betaine_C	Betaine		2987
		Choline_C	Choline		2987
		Cot_D	Cotinine		2986
		Creat_C	Creatinine		2987
		Cysta_D	Cystathionine		2986
		DMG_C	Dimethylglycine		2987
		KA_D	Kynurenic acid		2986
		MetSo_C	Methionine sulfoxide		2980
		Neopt_D	Neopterin		2986
		PLP_D	Pyridoxal 5'-phosphate		2986
		PL_D	Pyridoxal		2986
		PM_D	Pyridoxamine		2986
		PA_D	Pyridoxic acid		2986
		PN_D	Pyridoxine		2986
		Ribo_D	Riboflavin		2986
		SDMA_C	Symmetric dimethylarginine		2987
		XA_D	Xanthurenic acid		2986
Mab003	Pregnancy	PFBA	Perfluorobutanoic acid	LC-MS	2
		PFDA	Perfluorodecanoic acid		888
		PFDoDA	Perfluorododecanoic acid		865
		PFHpA	Perfluoroheptanoic acid		113
		PFHpS	Perfluoroheptane sulfonic acid		935
		PFHxS	Perfluorohexane sulfonic acid		946

		PFNA	Perfluorononanoic acid		947
		PFOA	Perfluorooctanoic acid		947
		PFOS	Perfluorooctane sulfonic acid		947
		PFOSA	Perfluorooctane sulfonamide		500
		PFTeDA	Perfluorotetradecanoic acid		7
		PFTTrDA	Perfluorotridecanoic acid		736
		PFUnDA	Perfluoroundecanoic acid		941
Mab004	Pregnancy	Vitamin_A	Vitamin A	LC-MS	2424
		Vitamin_D2	Vitamin D2		67
		Vitamin_D3	Vitamin D3		2424
		Vitamin_E	Vitamin E		2424
Mab005	Pregnancy	Perfluorodecanoic acid	PFDA	LC-MS	1094
		Perfluorododecanoic acid	PFDoDA		927
		Perfluorohepane sulfonic acid	PFHpS		994
		Perfluoroheptanoic acid	PFHpA		143
		Perfluorohexane sulfonic acid	PFHxS		1229
		Perfluorononanoic acid	PFNA		1235
		Perfluorooctane sulfonic acid	PFOS		1237
		Perfluorooctanoic acid	PFOA		1237
		Perfluorotridecanoic acid	PFTTrDA		705
		Perfluoroundecanoic acid	PFUnDA		1180
Mab013	Pregnancy	AlphaCarotene	α -Carotene	HPLC	2987
		AlphaCryptoxanthin	α -Cryptoxanthin		2987
		AlphaTocopherol	α -Tocopherol		2987
		BetaCarotene	β -Carotene		2987
		BetaCryptoxanthin	β -Cryptoxanthin		2987
		GammaCarotene	γ -Carotene		2987
		GammaTocopherol	γ -Tocopherol		2987
		Lycopene	Lycopene		2987
		Retinol	Retinol		2987
		TotalLutein	Total Lutein		2987
		UnidentifiedCaro	Unidentified Carotene		2987
Pro001	Pregnancy	ALB	Albumin	Olympus AU400e	947
		ApoB	Apolipoprotein B		947
		CRP	C-reactive protein		946
		CHOL	Cholesterol		947
		LDL	Low-density lipoprotein cholesterol		947
		HDL	High-density lipoprotein cholesterol		947
		TSH_1	Thyroid stimulating hormone		899

		TSH_2	Thyroid stimulating hormone		876
		TRIG	Triglycerides		947
		UA	Uric Acid		947
Pro002	Pregnancy	Albumin	Albumin	Olympus AU400e	1236
		Creatinine	Creatinine		1235
		CRP	C-reactive protein		1223
		Cystatin_C	Cystatin C		1231
		HDL	High density lipoprotein cholesterol		1217
Pro003	Pregnancy	fP-Kol	Cholesterol	Architect 8200ci	2983
		P-D-25	25-hydroxyvitamin D		2983
		P-Ferrit	Ferritin		2983
		P-hs-CRP	C-reactive protein		2983
		P-T3-V	Free triiodothyronine		2983
		P-T4-V	Free thyroxine		2982
		P-TPOab	Thyroid peroxidase antibody		2930
		P-Transf	Transferrin		2983
		P-TSH	Thyroid stimulating hormone		2983
		P-TyglAb	Thyroglobulin		2857
Mab008	Pregnancy	PFDA	Perfluorodecanoic acid	LC-MS/MS	2106
		PFDoDA	Perfluorododecanoic acid		512
		PFHpA	Perfluoroheptanoic acid		228
		PFHpS	Perfluorohepane sulfonic acid		2201
		PFHxS	Perfluorohexan sulfonic acid		2324
		PFNA	Perfluorononanoic acid		2322
		PFOA	Perfluorooctanoic acid		2324
		PFOS	Perfluorooctane sulfonic acid		2324
		PFOSA	Perfluorooctane sulfonamide		244
		PFTTrDA	Perfluorotridecanoic acid		636
		PFUnDA	Perfluoroundecanoic acid		2181
Mab010	Pregnancy	PFDA	Perfluorodecanoic acid	LC-MS/MS	1099
		PFHpA	Perfluoroheptanoic acid		506
		PFHpS	Perfluorohepane sulfonic acid		1099
		PFHxS	Perfluorohexan sulfonic acid		1099
		PFNA	Perfluorononanoic acid		1099
		PFOA	Perfluorooctanoic acid		1099
		PFOS	Perfluorooctane sulfonic acid		1099
		PFOSA	Perfluorooctane sulfonamide		1099

		PFTrDA	Perfluorotridecanoic acid		904
		PFUnDA	Perfluoroundecanoic acid		1099
Pro006	Pregnancy	T3	Triiodothyronine	Quantitative chemiluminescent immunoassay	1130
		T3uptake	Triiodothyronine resin uptake		1120
		T4	Thyroxine		1131
		TPOAb	Thyroid peroxidase antibody		1031
		TSH	Thyroid-stimulating hormone		1130