

Supplemental File 2. Analyses of correlation between 25(OH)D result obtained with CLIA and LC-MS/MS and selected factors.

	25(OH)D LC-MS/MS [ng/ml]	p-value	25(OH)D CLIA [ng/ml]	p-value
Maternal age [years]	0.11	>0.05	0.04	>0.05
Gestational age [weeks]	0.09	>0.05	-0.08	>0.05
Gravidity	0.10	>0.05	0.02	>0.05
Parity	0.07	>0.05	-0.04	>0.05
Pre-pregnancy Body Mass Index [kg/m <sup>2</sup> ]	<0.01	>0.05	-0.10	>0.05
Dosage of pre-pregnancy cholecalciferol supplementation [IU]	0.17	>0.05	0.22	<0.05
Dosage of current cholecalciferol supplementation [IU]	0.36	<0.05	0.20	<0.05

25(OH)D – 25-hydroxyvitamin D; CLIA – chemiluminescence immunoassay; IU – international units; LC-MS/MS – liquid chromatography with tandem mass spectrometry