

Supplemental Table 1. Biomarkers from cord blood and peripheral blood at survey 33 months, by groups.

Cord-blood (n=309)	Positive API (n=44)	Negative API (n=265)	*p value
Club cell16 (ng/mL)	4.40 ± 2.9	3.81 ± 2.94	0.18
Adiponectin (ug/mL)	11.48 ± 3.82	10.1 ± 3.89	0.029
Leptin (ng/mL)	8.94± 1.39	8.63 ± 1.20	0.20
TNF- alfa (pg/mL)	8.36 ± 3.46	8.13 ± 3.63	0.56
IL-b1 (pg/mL)	1.23 ± 0.72	1.17 ± 0.77	0.66
IL-4 (pg/mL)	2.44 ± 0.68	2.34 ± 0.73	0.47
IL-6 (pg/mL)	2.19 ± 0.88	2.07 ± 0.93	0.72
IL-10 (pg/mL)	1.17 ± 0.87	1.03 ± 0.67	0.38
IL-12 p40 (pg/mL)	3.48 ± 0.41	3.35 ± 0.56	0.095
IL-12 p70 (pg/mL)	2.16 ± 0.97	2.14 ± 0.93	1.0
IL-13 (pg/mL)	2.48 ± 0.64	2.40 ± 0.89	1.0
usPCR	UD	UD	
25(OH)D total	23.83 ± 10.49	21.55 ± 8.48	0.087
At 33 months of age (n=164)	Positive API (n=26)	Negative API (n=138)	*p value
% Phadiatop > 0.35 kU/L **	15%	26%	0.40
Club cell16 (ng/mL)	6.92 ± 3.56	6.91 ± 3.17	0.91
Adiponectin (ug/mL)	8.15 ± 1.80	8.23 ± 2.6	0.88
Leptin (ng/mL)	6.94 ± 0.91	6.70 ± 0.96	0.44
IL-33 (pg/mL)	3.43 ± 1.64	3.22 ± 1.35	0.71
TSLP (pg/mL)	3.33 ± 2.67	2.92 ± 1.32	0.93
IL-beta1 (pg/mL)	0.47 ± 0.15	0.53 ± 0.27	0.14
IL-4 (pg/mL)	1.65 ± 0.57	1.87 ± 0.81	0.20
IL-6 (pg/mL)	2.04 ± 1.5	2.09 ± 1.02	0.72
IL-10 (pg/mL)	3.62 ± 0.79	3.31 ± 0.64	0.034
IL-12 p40 (pg/mL)	2.96 ± 0.55	2.86 ± 0.68	0.49
IL-13 (pg/mL)	1.60 ± 1.36	1.36 ± 1.07	0.59
us-PCR	0.80 ± 0.78	0.64 ± 0.69	0.46

Numbers were express as % or mean ± SD (after natural log transformation), UD: undetectable.

*p value for trend by ANOVA test.

** Data for Phadiatop was available for 20 and 96 subjects in the positive and negative API, respectively.