

Table S3. Concentration of inflammatory mediators in serum

Analyte	^e Range (pg/ml)	^{f,g} SD	^a control			^b afebrile (AF)			^c febrile (F)		
			^d C04	C05	C08	P03	P04	P05	P05	P09	P10
Classic pro-inflammatory											
IL1 β	18 - 12810		45	<i>12</i>	47	32	<i>24</i>	^h <	<	<	<i>14</i>
IL1Ra	42 - 30900		1085	683	941	758	372	452	1587	702	1806
TNF α	8 - 5600	*	23	19	23	17	19	18	<i>14</i>	18	18
IL6	10 - 6900	**	<i>11</i>	7	23	9	<i>6</i>	<i>17</i>	64	35	44
Growth stimulators											
GMCSF	28 - 20590		61	<i>18</i>	27	<	<	72	167	<	49
IL2	9 - 6430		30	<i>12</i>	21	19	<i>13</i>	8	<i>13</i>	<i>12</i>	25
IL2R	34 - 24660		1159	1159	1257	810	1126	2030	1451	1233	1216
IL7	18 - 13070	**	67	52	62	32	<i>34</i>	32	<i>19</i>	43	29
T_H1-associated											
IFN γ	17 - 12700	*	143	103	125	96	91	94	80	99	88
IFN α	10 - 7750		116	92	116	83	89	86	86	89	125
IL12p40p70	14 - 10500		1409	1564	1505	1367	1402	1118	1052	1393	1434
T_H2-associated											
IL4	10 - 7580		222	214	213	182	227	191	194	204	192
IL5	33 - 24170		<i>11</i>	7	<i>12</i>	7	7	6	5	7	7
IL10	19 - 13910		8	4	6	5	3	<i>10</i>	35	5	6
IL13	15 - 10850	*	43	<i>18</i>	47	12	<	<	<	<i>1</i>	<
IL15	26 - 18670		49	<i>17</i>	33	25	6	5	<i>14</i>	8	75
T_H17											
IL17	33 - 23720	*	199	177	206	166	143	155	147	162	166
Chemotactic											
CCL2/MCP1	17 - 12180		715	746	708	1055	606	754	979	507	777
CCL3/MIP1 α	12 - 8440		128	105	118	97	112	101	125	103	127
CCL4/MIP1 β	16 - 11830	*	176	138	145	124	129	136	201	174	162
CCL5/RANTES	11 - 8380		>	ⁱ >	>	>	>	>	23558	>	81711
CCL11/Eotaxin	6 - 4430	*	226	156	136	210	193	190	141	106	49
CXCL8/IL8	7 - 5080		67	12	17	7	22	14	38	20	<
CXCL9/MIG	4 - 2890		113	91	105	108	77	110	1078	94	256
CXCL10/IP10	3 - 2540		40	87	64	53	63	110	633	107	243

Select data shown in Figure 3 and Figure 4

^{a-d}Concentration of inflammatory mediators in sera from ^ahealthy children (control), PFAPA children in an ^bafebrile interval (AF) or ^c~15 hours after fever commenced (F). Numerical digits in the assigned ^didentification number (ID) are unique to individuals.

^eLower and upper limits of detection (pg/ml) for each analyte as reported by the manufacturer.

^fSD, a statistical difference in analyte concentration between the groups was determined by one-way ANOVA with a *p*-value < 0.05 (*), < 0.01 (**) and < 0.001 (***).

^gValues in italics were extrapolated beyond the standard range (StarStation software) and excluded from statistical analysis.

^{h,i}< and > indicate a concentration of the analyte below or above the detectable range.