

Table S2. Inter-assay precision of high sensitive cytokine array

Analyte	Level 1		Level 2		Level 3	
	Concentration pg/ml	CV %	Concentration pg/ml	CV %	Concentration pg/ml	CV %
IL-1 α	2.7	15.5	51.1	8.9	174.9	13.4
IL-1 β	4.2	9.9	66.7	11.8	213.7	8.7
IL-2	16.4	7.8	85.2	6.5	258.9	8.2
IL-4	12.5	11.6	71.4	8.6	206.9	8.8
IL-6	1.5	8.4	10.3	7.4	23.7	8.4
IL-8	11.3	11.1	132.6	9.9	560.8	9.2
IL-10	8.2	6.7	96.8	6.5	239.4	7.5
IFN- γ	8.1	11.4	135.4	6.4	542.1	7.6
TNF- α	9.9	8.6	116.5	6.7	442.1	7.0
MCP-1	27.9	12.8	139.8	10.4	272.4	7.2
VEGF	17.4	12.0	135.2	7.2	395.7	10.7
EGF	13.1	11.7	38.9	8.5	181.2	9.6

CV: coefficient of variation.

IL-1 α , IL-1 β , IL-2, IL-4, IL-6, IL-8, IL-10: interleukins; IFN- γ : interferon- γ ;

TNF- α : tumor-necrosis factor- α ; MCP-1: monocyte chemo-attractant protein-1; EGF;

VEGF: vascular endothelial growth factor; EGF: epidermal growth factor.