

Dengue virus and Japanese encephalitis virus infection of the central nervous system share similar profiles of cytokine accumulation in cerebrospinal fluid

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Suppl. Table 1. Cytokine expression in serum and CSF of patients with dengue encephalitis

Parameters (pg/ml)	Serum (n = 29)	CSF (n = 29)	p value
G-CSF	ND	25.04 (8.20-117.38)	–
IFN- γ	39.11 (29.60-67.43)	52.13 (28.90-64.18)	0.743
IL-10	3.35 (2.30-4.95)	8.06 (3.33-13.93)	0.117
IL-12	4.64 (2.65-18.20)	ND	–
IL-13	0.71 (0.50-0.98)	1.08 (0.77-2.48)	0.141
IL-17	3.49 (1.81-5.96)	5.09 (3.01-13.84)	0.201
IL-1b	0.80 (0.72-5.13)	1.16 (0.76-3.82)	0.817
IL-2	2.10 (1.10-7.30)	2.97 (1.98-5.26)	0.844
IL-4	0.76 (0.66-1.04)	0.55 (0.40-1.11)	0.305
IL-5	3.99 (2.93-4.96)	ND	–
IL-7	3.11 (2.30-3.79)	ND	–
MIP-1 β	21.50 (12.53-54.48)	13.51 (8.32-19.98)	0.997
TNF- α	5.98 (4.61-21.49)	9.54 (6.35-14.94)	0.572

Median and interquartile range values are represented for each group. CSF: cerebrospinal fluid;

IFN – interferon; IL – interleukin; G-CSF – granulocyte-colony stimulating factor; MIP – macrophage inflammatory protein; TNF – tumour necrosis factor;

ND – not detected; * $p \leq 0.05$ considered significant