

Supplemental Digital Content 6, Table S2. Plasma and CSF cytokines/chemokines that distinguish aviremic HIV subjects from healthy controls

Biomarkers	Plasma				CSF			
	Aviremic subjects median (range)	Healthy controls median (range)	Aviremics vs. Controls		Aviremic subjects median (range)	Healthy controls median (range)	Aviremics vs. Controls	
			Mean fold change	p value			Mean fold change	p value
IL-8 (pg/ml)	17.16 (3.04-82.12)	8.6 (2.58-24.62)	2.16	0.020	47.41 (9.2-118.78)	3	13.09	0.000
CCL2 (pg/ml)	351.92 (118.76-1190.32)	184.3 (104.84-353.96)	1.78	0.009	120.71 (36.5-655.12)	8 (5.28-98.14)	11.00	0.000
IFN γ * (pg/ml)	6.38 (3.9-11.4)	5.5 (3.9-10.56)	1.13	0.258	5.91 (2.78-9.86)	2 (1.42-2.78)	2.89	0.000
IL-6* (pg/ml)	6 (0.6-112.36)	6 (0.96-14.76)	1.09	0.797	18.87 (5-61.18)	5	3.07	0.000
CXCL10 (pg/ml)	99.76 (34.3-624.9)	55.9 (26.62-120.12)	2.00	0.012	12.47 (5-160.06)	5 (5 – 11.2)	3.41	0.001
CCL3* (pg/ml)	60.45 (13.48-156.88)	54 (35.54-159.84)	-1.16	0.504	8.56 (4.68-21.96)	4.68	1.82	0.003
sCD14 (μ g/ml)	2.2 (1.1-3.1)	1.6 (1.1-2.3)	1.37	0.002	0.12 (0.05-0.87)	0.04 (0.01-0.28)	3.07	0.002
CXCL9 (pg/ml)	112.98 (53.98-686.62)	20 (14.7-86.78)	4.38	0.000				
IL-12 (pg/ml)	155.69 (92.06-569.52)	103.8 (76.64-195.66)	1.52	0.007				
Eotaxin (pg/ml)	97.56 (31.66-251.86)	49.2 (25.32-121.1)	1.65	0.018				
IL-2R (pg/ml)	650.33 (165.88-10072.14)	290 (162.82-853.54)	2.39	0.019				
CCL4 (pg/ml)	84.42 (10-378.6)	24.1 (2.98-198.88)	2.58	0.054				

Shown are the analytes that demonstrated significant differences in inter-group comparison between matched plasma or CSF samples from 14 aviremic HIV subjects and 14 uninfected healthy controls using the following criteria: mean fold change (FC) $\geq$ 1.2, and $p < 0.05$ by unpaired t -test; Bold font indicates difference is statistically significant ($p < 0.05$); represent cytokines/chemokines that showed significant intergroup comparison only in CSF samples. Ranges for CSF IL-8, IL-6, and CCL3 values in healthy controls are not shown because values were the same for all control subjects.*