

Cytokine 21-plex

Supplier B – Linco Research

- **The following slide shows data from two 21-plex assay plates run recently. On the left are levels (pg/ml) of cytokines for a normal serum sample, where for what it's worth, CRP is undetectable by high sensitivity CRP ELISA and gives you an idea of which cytokines are not likely to be measurable in normal serum. On the right are cytokine levels from a patient with post-operative acute phase symptoms. OOR< is undetectable.**

Supplier B: 21-plex Cytokine Levels

Normal

Post-op

Plate#	49.pla	50.pla	49.pla	50.pla
IL-1a	0.58	0.68	29.07	22.78
IL-1B	OOR<	0.02	2.23	1.48
IL-2	OOR<	OOR<	9.45	6.91
IL-4	45.47	37.82	241.99	174.16
1L-5	OOR<	0.07	1.09	0.91
IL-6	OOR<	OOR<	91.08	65.91
IL-7	0.77	0.29	12.11	6.35
IL-8	OOR<	OOR<	92.73	57.36
IL-10	OOR<	OOR<	19.54	16.99
IL-12p70	OOR<	0.4	4.45	2.54
IL-13	22.63	12.39	12.8	7.96
IL-15	OOR<	0.56	2.84	2.07
IL-17	0.1	0.09	8.14	5.29
EOTAXIN	113.95	83.97	50.08	37.06
G-CSF	OOR<	OOR<	21.65	18.77
GM-CSF	1.6	1.36	5.69	3.76
IFNg	OOR<	OOR<	15.04	12.3
IP-10	53.23	39.45	151.78	110.07
MCP-1	172.43	146.51	84.43	64.55
MIP-1A	OOR<	OOR<	21.98	13.49
TNFa	2.08	1.2	5.1	3.3