

New Supplementary Table 1. Luminex kit details

11-01-05 Assay Biosource Lot 205441 Expired 10/2006										
	IL4^a	IL6	IL8	IL10	TNFa	IFNg	GMCSF	IP10	MIG	MCP1
	pg/mL ^b	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL
ULD ^c :	4600	6200	1600	4000	6500	14900	33500	1400	6900	8900
LLD ^d :	< 5	< 3	< 3	< 5	< 10	< 5	< 15	< 5	< 4	< 10
Standard curve % CV (range) ave. ^e :		(0.6-22) 8.2	(0-50) 8.1							(1.1-20) 9.4
2-17-06 Assay Biosource Lot 205441 Expired 10/2006										
	IL4	IL6	IL8	IL10	TNFa	IFNg	GMCSF	IP10	MIG	MCP1
	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL
ULD:	4600	6200	1600	4000	6500	14900	33500	1400	6900	8900
LLD:	< 5	< 3	< 3	< 5	< 10	< 5	< 15	< 5	< 4	< 10
Standard curve % CV (range) ave.:		(1.9-44) 8.6	(0.1-15) 5.8	(0.6-17) 6.1						(0-26) 8.2
2-2-10 Assay Invitrogen/Biosource Lot 746973A Expired 7/2011										
	IL4	IL6	IL8	IL10	TNFa	IFNg	GMCSF	IP10	MIG	MCP1
	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL
ULD:	3600	3700	12400	15400	5200	13300	14600	1490	1670	24600
LLD:	< 5	< 3	< 3	< 5	< 10	< 5	< 15	< 5	< 4	< 10
Standard curve % CV (range) ave.:		(0-17) 6.3	(0-7) 2.3	(2-16) 5.5						(0-10) 2.3
5-13-10 Assay Invitrogen/Biosource Lot 750265A Expired 7/2011										
	IL4	IL6	IL8	IL-10	TNFa	IFNg	GMCSF	IP10	MIG	MCP1
	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL
ULD:	3600	3700	12400	15400	5200	13300	14600	1490	1670	24600
LLD:	< 5	< 3	< 3	< 5	< 10	< 5	< 15	< 5	< 4	< 10
Standard curve % CV (range) ave.:		(0-9) 4.0	(0-11) 5.0	(0-13) 4.7						(0-12) 5.7
8-12-10 Assay Invitrogen/Biosource Lot 801830A Expired 11/2011										
	IL4	IL6	IL8	IL-10	TNFa	IFNg	GMCSF	IP10	MIG	MCP1
	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL	pg/mL
ULD:	3600	3700	12400	15400	5200	13300	14600	1490	1670	24600
LLD:	< 5	< 3	< 3	< 5	< 10	< 5	< 15	< 5	< 4	< 10
Standard curve % CV (range) ave.:		(0-39) 7.9	(0-21) 4.1	(0-29) 8.4						(0-138) 22.5

^a analyte

^b units

^c ULD, Upper limit of detection

^d LLD, lower limit of detection (lowest value of the standard curve)

^e For select analytes of particular interest, the range and average of duplicate well % CVs are shown for the 8-point standard curve and background wells.