



Quality Control Ranges
Mouse Cytokine/Chemokine/Growth Factor Expanded Magnetic Bead Panel 1
Catalog# MCYT1-190K
Control Catalog # MCYT1-6190-2 Lot 6192-102.202

<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>	<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>	<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
sFasL	Control 1	1663 - 3454	pg/mL	IL-4	Control 1	84 - 175	pg/mL	MIP-3α	Control 1	190 - 394	pg/mL
	Control 2	6572 - 13649	pg/mL		Control 2	343 - 712	pg/mL		Control 2	716 - 1488	pg/mL
IL-22	Control 1	110 - 229	pg/mL	IL-3	Control 1	48 - 100	pg/mL	IL-12p40	Control 1	365 - 757	pg/mL
	Control 2	446 - 926	pg/mL		Control 2	186 - 386	pg/mL		Control 2	1423 - 2956	pg/mL
G-CSF	Control 1	5074 - 10539	ng/mL	IL-5	Control 1	162 - 337	pg/mL	Granzyme B	Control 1	148 - 307	pg/mL
	Control 2	20274 - 42108	ng/mL		Control 2	672 - 1396	pg/mL		Control 2	611 - 1270	pg/mL
Eotaxin/CCL11	Control 1	135 - 281	pg/mL	IL-18	Control 1	735 - 1526	pg/mL	IL-12p70	Control 1	112 - 232	pg/mL
	Control 2	569 - 1182	pg/mL		Control 2	3193 - 6631	pg/mL		Control 2	432 - 898	pg/mL
GM-CSF	Control 1	93 - 194	pg/mL	IL-6	Control 1	358 - 743	pg/mL	TARC	Control 1	136 - 282	pg/mL
	Control 2	354 - 735	pg/mL		Control 2	1398 - 2903	pg/mL		Control 2	562 - 1167	pg/mL
IL-33	Control 1	1172 - 2435	pg/mL	FGF-2	Control 1	529 - 1100	pg/mL	IL-16	Control 1	237 - 492	pg/mL
	Control 2	4719 - 9800	pg/mL		Control 2	2117 - 4397	pg/mL		Control 2	891 - 1851	pg/mL
IFNγ	Control 1	305 - 633	pg/mL	IL-7	Control 1	25 - 51	pg/mL	LIF	Control 1	444 - 922	pg/mL
	Control 2	1181 - 2454	pg/mL		Control 2	94 - 196	pg/mL		Control 2	1775 - 3686	pg/mL
IL-1α	Control 1	183 - 381	pg/mL	EGF	Control 1	2510 - 5213	pg/mL	IL-13	Control 1	190 - 394	pg/mL
	Control 2	709 - 1472	pg/mL		Control 2	9452 - 19631	pg/mL		Control 2	718 - 1492	pg/mL
IL-17F	Control 1	117 - 244	pg/mL	IL-9	Control 1	227 - 470	pg/mL	LIX	Control 1	409 - 850	pg/mL
	Control 2	458 - 951	pg/mL		Control 2	895 - 1859	pg/mL		Control 2	1594 - 3312	pg/mL
IL-1β	Control 1	551 - 1144	pg/mL	IFNα	Control 1	182 - 377	pg/mL	IL-15	Control 1	1242 - 2580	pg/mL
	Control 2	2195 - 4559	pg/mL		Control 2	692 - 1438	pg/mL		Control 2	4861 - 10095	pg/mL
Il-2	Control 1	116 - 242	pg/mL	IL-28B/IFNλ3	Control 1	139 - 288	pg/mL	Exodus-2/ CCL21/6CKine	Control 1	259 - 538	pg/mL
	Control 2	469 - 975	pg/mL		Control 2	578 - 1200	pg/mL		Control 2	1174 - 2438	pg/mL
IFNβ	Control 1	245 - 510	pg/mL	IL-10	Control 1	673 - 1398	pg/mL	IL-17A	Control 1	111 - 231	pg/mL
	Control 2	963 - 2001	pg/mL		Control 2	2646 - 5496	pg/mL		Control 2	429 - 890	pg/mL

Additional Analytes on reverse side

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IP-10	Control 1	382 - 794	pg/mL	sICAM-1	Control 1	5459 - 11337	pg/mL	BAFF	Control 1	230 - 477	pg/mL
	Control 2	1644 - 3415	pg/mL		Control 2	22405 - 46534	pg/mL		Control 2	898 - 1864	pg/mL
Fas	Control 1	858 - 1782	pg/mL	CXCL16	Control 1	694 - 1440	pg/mL	GDF-15	Control 1	70 - 146	pg/mL
	Control 2	3353 - 6963	pg/mL		Control 2	2684 - 5575	pg/mL		Control 2	282 - 585	pg/mL
IL-20	Control 1	560 - 1164	pg/mL	MCP-5	Control 1	111 - 231	pg/mL	FLT3L	Control 1	229 - 476	pg/mL
	Control 2	2036 - 4230	pg/mL		Control 2	453 - 940	pg/mL		Control 2	897 - 1863	pg/mL
KC	Control 1	1317 - 2735	pg/mL	MIP-2	Control 1	29 - 60	pg/mL	CHI3L1	Control 1	1143 - 2375	pg/mL
	Control 2	5131 - 10657	pg/mL		Control 2	119 - 248	pg/mL		Control 2	4461 - 9265	pg/mL
MCP-1	Control 1	601 - 1248	pg/mL	MIG	Control 1	976 - 2027	pg/mL	MCP-2	Control 1	28 - 58	pg/mL
	Control 2	2362 - 4906	pg/mL		Control 2	3694 - 7672	pg/mL		Control 2	109 - 227	pg/mL
MIP-3β	Control 1	747 - 1552	pg/mL	RANTES	Control 1	376 - 781	pg/mL	MCP-3	Control 1	72 - 150	pg/mL
	Control 2	2678 - 5562	pg/mL		Control 2	1415 - 2939	pg/mL		Control 2	323 - 671	pg/mL
MIP-1α	Control 1	119 - 247	pg/mL	VEGF-A	Control 1	174 - 361	pg/mL	Erythropoietin	Control 1	591 - 1227	pg/mL
	Control 2	453 - 941	pg/mL		Control 2	646 - 1343	pg/mL		Control 2	2285 - 4745	pg/mL
MDC	Control 1	84 - 174	pg/mL	TNFα	Control 1	167 - 347	pg/mL	Fractalkine/ CX3CL1	Control 1	58 - 121	pg/mL
	Control 2	334 - 693	pg/mL		Control 2	664 - 1378	pg/mL		Control 2	229 - 477	pg/mL
MIP-1β	Control 1	868 - 1803	pg/mL	IL-11	Control 1	744 - 1545	pg/mL	IL-31	Control 1	2369 - 4919	pg/mL
	Control 2	3260 - 6770	pg/mL		Control 2	2607 - 5414	pg/mL		Control 2	9476 - 19681	pg/mL
M-CSF	Control 1	873 - 1813	pg/mL	sRAGE	Control 1	2289 - 4755	pg/mL	Betacellulin	Control 1	112 - 234	pg/mL
	Control 2	3504 - 7279	pg/mL		Control 2	8914 - 18515	pg/mL		Control 2	446 - 925	pg/mL
sCD137/	Control 1	667 - 1386	pg/mL	CCL25/TECK	Control 1	1554 - 3228	pg/mL				
4-1BB/TNFRSF9	Control 2	2633 - 5469	pg/mL		Control 2	7585 - 15754	pg/mL				

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