



Quality Control Ranges
Mouse
Cytokine/Chemokine/Growth Factor Expanded Magnetic Bead Panel 1A
Catalog# MCYT1-190K
Control Catalog # MCYT1-6190-1 Lot# 6191-102.202

<u>Analyte</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>	<u>Analyte</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
G-CSF	Control 1	4496 - 9339	pg/mL	IL-6	Control 1	312 - 647	pg/mL
	Control 2	18334 - 38078	pg/mL		Control 2	1245 - 2585	pg/mL
Eotaxin/CCL11	Control 1	119 - 247	pg/mL	IL-7	Control 1	23 - 48	pg/mL
	Control 2	514 - 1067	pg/mL		Control 2	91 - 189	pg/mL
GM-CSF	Control 1	89 - 185	ng/mL	IL-9	Control 1	205 - 426	pg/mL
	Control 2	362 - 751	ng/mL		Control 2	832 - 1727	pg/mL
IFN γ	Control 1	267 - 555	pg/mL	IFN α	Control 1	164 - 340	pg/mL
	Control 2	1066 - 2213	pg/mL		Control 2	643 - 1335	pg/mL
IL-1 α	Control 1	162 - 336	pg/mL	MIL10	Control 1	581 - 1207	pg/mL
	Control 2	641 - 1331	pg/mL		Control 2	2406 - 4996	pg/mL
IL-1 β	Control 1	494 - 1026	pg/mL	IL-12p40	Control 1	318 - 660	pg/mL
	Control 2	2028 - 4212	pg/mL		Control 2	1266 - 2630	pg/mL
IL-2	Control 1	102 - 212	pg/mL	IL-12p70	Control 1	100 - 209	pg/mL
	Control 2	432 - 897	pg/mL		Control 2	395 - 820	pg/mL
IFN β	Control 1	227 - 471	pg/mL	LIF	Control 1	392 - 815	pg/mL
	Control 2	915 - 1900	pg/mL		Control 2	1640 - 3407	pg/mL
IL-4	Control 1	74 - 155	pg/mL	IL-13	Control 1	183 - 381	pg/mL
	Control 2	315 - 653	pg/mL		Control 2	715 - 1484	pg/mL
IL-3	Control 1	43 - 88	pg/mL	LIX	Control 1	365 - 757	pg/mL
	Control 2	172 - 357	pg/mL		Control 2	1488 - 3090	pg/mL
IL-5	Control 1	138 - 288	pg/mL	IL-15	Control 1	1048 - 2177	pg/mL
	Control 2	612 - 1271	pg/mL		Control 2	4055 - 8421	pg/mL
IL-18	Control 1	649 - 1348	pg/mL	IL-17A	Control 1	101 - 210	pg/mL
	Control 2	2971 - 6170	pg/mL		Control 2	393 - 816	pg/mL

Additional Analytes on reverse side

MCYT1-6190-1: 6191-102.202(26 JUNE 2025) • SigmaAldrich.com/support • SigmaAldrich.com



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<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>
IP-10	Control 1	344 - 714	pg/mL	MIP-2	Control 1	26 - 53	pg/mL
	Control 2	1493 - 3102	pg/mL		Control 2	107 - 222	pg/mL
KC	Control 1	1151 - 2391	pg/mL	MIG	Control 1	820 - 1703	pg/mL
	Control 2	4567 - 9485	pg/mL		Control 2	3260 - 6772	pg/mL
MCP-1	Control 1	537 - 1115	pg/mL	RANTES	Control 1	344 - 714	pg/mL
	Control 2	2166 - 4498	pg/mL		Control 2	1256 - 2609	pg/mL
MIP-1 α	Control 1	108 - 224	pg/mL	VEGF-A	Control 1	157 - 325	pg/mL
	Control 2	427 - 887	pg/mL		Control 2	599 - 1244	pg/mL
MIP-1 β	Control 1	780 - 1620	pg/mL	TNF α	Control 1	148 - 307	pg/mL
	Control 2	3069 - 6374	pg/mL		Control 2	624 - 1297	pg/mL
M-CSF	Control 1	782 - 1624	pg/mL				
	Control 2	3265 - 6782	pg/mL				

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