



## QUALITY CONTROL RANGES

MILLIPLEX® MAP Mouse Cytokine/Chemokine Panel Catalog # MCYTOMAG-70K,  
MCYTOMAG-70K-PMX, MCYTOMAG-70K-PX32, MCYTOMAG70PMX25BK, and MCYTOMAG70PMX32BK  
Control Catalog # MXM6070 Lot # MCC-115.215

<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>
Eotaxin	Control 1	86 - 297	pg/mL	IL-6	Control 1	94 - 194	pg/mL	LIX	Control 1	107 - 222	pg/mL
	Control 2	478 - 993	pg/mL		Control 2	472 - 980	pg/mL		Control 2	530 - 1100	pg/mL
G-CSF	Control 1	98 - 204	pg/mL	IL-7	Control 1	87 - 181	pg/mL	MCP-1	Control 1	95 - 197	pg/mL
	Control 2	485 - 1008	pg/mL		Control 2	419 - 870	pg/mL		Control 2	522 - 1083	pg/mL
GM-CSF	Control 1	90 - 187	pg/mL	IL-10	Control 1	88 - 183	pg/mL	MIP-1 $\alpha$	Control 1	108 - 225	pg/mL
	Control 2	480 - 996	pg/mL		Control 2	454 - 943	pg/mL		Control 2	529 - 1099	pg/mL
IFN $\gamma$	Control 1	98 - 203	pg/mL	IL-12 (p40)	Control 1	90 - 187	pg/mL	MIP-1 $\beta$	Control 1	91 - 189	pg/mL
	Control 2	506 - 1050	pg/mL		Control 2	450 - 934	pg/mL		Control 2	448 - 931	pg/mL
IL-1 $\alpha$	Control 1	90 - 186	pg/mL	IL-13	Control 1	416 - 933	pg/mL	MIG	Control 1	92 - 209	pg/mL
	Control 2	463 - 962	pg/mL		Control 2	1970 - 4337	pg/mL		Control 2	400 - 1184	pg/mL
M-CSF	Control 1	94 - 194	pg/mL	IL-15	Control 1	77 - 160	pg/mL	RANTES	Control 1	113 - 234	pg/mL
	Control 2	470 - 977	pg/mL		Control 2	456 - 948	pg/mL		Control 2	503 - 1045	pg/mL
IL-1 $\beta$	Control 1	85 - 176	pg/mL	IL-17	Control 1	91 - 189	pg/mL	TNF $\alpha$	Control 1	88 - 184	pg/mL
	Control 2	425 - 883	pg/mL		Control 2	471 - 978	pg/mL		Control 2	421 - 874	pg/mL
IL-2	Control 1	92 - 192	pg/mL	IP-10	Control 1	86 - 179	pg/mL	IL-12 (p70)	Control 1	81 - 167	pg/mL
	Control 2	499 - 1037	pg/mL		Control 2	449 - 933	pg/mL		Control 2	404 - 839	pg/mL
IL-3	Control 1	95 - 198	pg/mL	MIP-2	Control 1	102 - 212	pg/mL	VEGF	Control 1	94 - 196	pg/mL
	Control 2	463 - 961	pg/mL		Control 2	522 - 1085	pg/mL		Control 2	459 - 954	pg/mL
IL-4	Control 1	97 - 202	pg/mL	KC	Control 1	131 - 272	pg/mL	IL-9	Control 1	90 - 220	pg/mL
	Control 2	468 - 972	pg/mL		Control 2	670 - 1392	pg/mL		Control 2	457 - 948	pg/mL
IL-5	Control 1	85 - 177	pg/mL	LIF	Control 1	90 - 187	pg/mL				
	Control 2	467 - 970	pg/mL		Control 2	444 - 922	pg/mL				

**Note: The Quality Control Ranges are generated with overnight assay format using serum matrix provided in the kit.  
Quality Control values in culture media are not tested.**