



**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-113.213**

<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	94 - 196	pg/mL	IL-6	Control 1	97 - 201	pg/mL	LIX	Control 1	109 - 226	pg/mL
	Control 2	550 - 1143	pg/mL		Control 2	513 - 1065	pg/mL		Control 2	531 - 1103	pg/mL
G-CSF	Control 1	102 - 213	pg/mL	IL-7	Control 1	95 - 197	pg/mL	MCP-1	Control 1	96 - 200	pg/mL
	Control 2	505 - 1048	pg/mL		Control 2	470 - 977	pg/mL		Control 2	543 - 1128	pg/mL
GM-CSF	Control 1	91 - 188	pg/mL	IL-10	Control 1	99 - 205	pg/mL	MIP-1 $\alpha$	Control 1	107 - 222	pg/mL
	Control 2	516 - 1072	pg/mL		Control 2	500 - 1039	pg/mL		Control 2	523 - 1085	pg/mL
IFN $\gamma$	Control 1	98 - 203	pg/mL	IL-12 (p40)	Control 1	98 - 204	pg/mL	MIP-1 $\beta$	Control 1	100 - 208	pg/mL
	Control 2	529 - 1098	pg/mL		Control 2	474 - 985	pg/mL		Control 2	511 - 1061	pg/mL
IL-1 $\alpha$	Control 1	97 - 201	pg/mL	IL-13	Control 1	403 - 837	pg/mL	MIG	Control 1	74 - 201	pg/mL
	Control 2	494 - 1027	pg/mL		Control 2	2283 - 4742	pg/mL		Control 2	570 - 1642	pg/mL
M-CSF	Control 1	98 - 204	pg/mL	IL-15	Control 1	102 - 212	pg/mL	RANTES	Control 1	112 - 232	pg/mL
	Control 2	509 - 1056	pg/mL		Control 2	527 - 1094	pg/mL		Control 2	507 - 1054	pg/mL
IL-1 $\beta$	Control 1	98 - 203	pg/mL	IL-17	Control 1	93 - 194	pg/mL	TNF $\alpha$	Control 1	109 - 227	pg/mL
	Control 2	497 - 1032	pg/mL		Control 2	502 - 1042	pg/mL		Control 2	464 - 963	pg/mL
IL-2	Control 1	100 - 207	pg/mL	IP-10	Control 1	99 - 206	pg/mL	IL-12 (p70)	Control 1	92 - 192	pg/mL
	Control 2	548 - 1137	pg/mL		Control 2	544 - 1130	pg/mL		Control 2	447 - 928	pg/mL
IL-3	Control 1	102 - 212	pg/mL	MIP-2	Control 1	109 - 227	pg/mL	VEGF	Control 1	105 - 218	pg/mL
	Control 2	511 - 1061	pg/mL		Control 2	522 - 1085	pg/mL		Control 2	508 - 1054	pg/mL
IL-4	Control 1	103 - 213	pg/mL	KC	Control 1	114 - 237	pg/mL	IL-9	Control 1	96 - 199	pg/mL
	Control 2	507 - 1054	pg/mL		Control 2	601 - 1247	pg/mL		Control 2	475 - 986	pg/mL
IL-5	Control 1	89 - 185	pg/mL	LIF	Control 1	99 - 206	pg/mL				
	Control 2	507 - 1053	pg/mL		Control 2	494 - 1025	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.**

MXM6070: MCC-113.213 (13 May 2020) EMD Millipore • 1-800-645-5476 • 1-800-645-5439 (FAX) • [www.emdmillipore.com](http://www.emdmillipore.com)

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