

## QUALITY CONTROL RANGES

**Milliplex Mouse Cytokine/Chemokine Magnetic Panel  
Catalog # MCYTOMAG-70K  
and  
Milliplex Mouse Cytokine/Chemokine Panel  
Catalog # MPXMCYTO-70K**

**Control Catalog # MXM6070-2 LOT# MCY2-101 and MCY2- 201**

<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>
G-CSF	Control 1	107 - 222	pg/mL	IL-12 (p70)	Control 1	91 - 190	pg/mL
	Control 2	554 - 1150	pg/mL		Control 2	483 - 1004	pg/mL
GM-CSF	Control 1	98 - 203	pg/mL	IL-13	Control 1	147 - 306	pg/mL
	Control 2	523 - 1086	pg/mL		Control 2	704 - 1462	pg/mL
IFN $\gamma$	Control 1	108 - 225	pg/mL	IL-15	Control 1	87 - 181	pg/mL
	Control 2	580 - 1204	pg/mL		Control 2	442 - 918	pg/mL
IL-1 $\alpha$	Control 1	95 - 197	pg/mL	IL-17	Control 1	98 - 204	pg/mL
	Control 2	525 - 1090	pg/mL		Control 2	495 - 1028	pg/mL
IL-1 $\beta$	Control 1	92 - 192	pg/mL	IP-10	Control 1	90 - 187	pg/mL
	Control 2	510 - 1059	pg/mL		Control 2	562 - 1166	pg/mL
IL-2	Control 1	105 - 219	pg/mL	MKC	Control 1	136 - 283	pg/mL
	Control 2	558 - 1159	pg/mL		Control 2	675 - 1402	pg/mL
IL-4	Control 1	100 - 207	pg/mL	MCP-1	Control 1	103 - 214	pg/mL
	Control 2	482 - 1001	pg/mL		Control 2	583 - 1212	pg/mL
IL-5	Control 1	99 - 205	pg/mL	MIP-1 $\alpha$	Control 1	102 - 212	pg/mL
	Control 2	522 - 1085	pg/mL		Control 2	515 - 1070	pg/mL
IL-6	Control 1	101 - 210	pg/mL	MIP-1 $\beta$	Control 1	105 - 219	pg/mL
	Control 2	536 - 1112	pg/mL		Control 2	523 - 1085	pg/mL
IL-7	Control 1	97 - 201	pg/mL	MIP-2	Control 1	106 - 219	pg/mL
	Control 2	491 - 1019	pg/mL		Control 2	539 - 1119	pg/mL
IL-9	Control 1	107 - 223	pg/mL	RANTES	Control 1	100 - 207	pg/mL
	Control 2	536 - 1113	pg/mL		Control 2	478 - 993	pg/mL
IL-10	Control 1	96 - 200	pg/mL	TNF $\alpha$	Control 1	97 - 202	pg/mL
	Control 2	513 - 1065	pg/mL		Control 2	500 - 1039	pg/mL
IL-12 (p40)	Control 1	105 - 217	pg/mL				
	Control 2	554 - 1150	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.**