

Quality Control Ranges

MILLIPLEX® Human Cytokine/Chemokine Magnetic Bead Panel IV
 Catalog Number HCP4MAG-64K, HCY4MAG-64K-PX20, and HCP4MG64KPX20BK
 QC Catalog Number/ Lot Number MXH6064 Lot # MXH-109 and 209

Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
MPIF-1	Control 1	94 – 196	pg/mL	HMGB1/HMG1	Control 1	17 – 34	ng/mL
	Control 2	514 – 1068	pg/mL		Control 2	103 – 214	ng/mL
BRAX	Control 1	886 – 1839	pg/mL	INFβ	Control 1	5633 – 11699	pg/mL
	Control 2	5063 – 10515	pg/mL		Control 2	28961 – 60149	pg/mL
CXCL16	Control 1	28 – 58	pg/mL	IL-38	Control 1	548 – 1138	pg/mL
	Control 2	147 – 304	pg/mL		Control 2	3156 – 6556	pg/mL
HCC-4	Control 1	309 – 641	pg/mL	IL-28B/IFN-λ3	Control 1	239 – 497	pg/mL
	Control 2	1651 – 3429	pg/mL		Control 2	1242 – 2581	pg/mL
MIP-4/PARC	Control 1	86 – 178	pg/mL	BAFF/BLyS	Control 1	2.6 – 5.4	ng/mL
	Control 2	431 – 895	pg/mL		Control 2	17 – 36	ng/mL

Additional Analytes on reverse side

Note: The Quality Control Ranges are generated with overnight assay format using serum matrix provided in the kit.

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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>
IL-34	Control 1	1126 – 2339	pg/mL	IL-14/α-Taxilin	Control 1	215 – 446	pg/mL
	Control 2	5785 – 12015	pg/mL		Control 2	1155 – 2398	pg/mL
IL-24	Control 1	4.4 – 9.1	ng/mL	IL-36β	Control 1	18 – 37	pg/mL
	Control 2	23 – 48	ng/mL		Control 2	94 – 195	pg/mL
IL-35	Control 1	6.6 – 14	ng/mL	IL-32α	Control 1	351 – 728	pg/mL
	Control 2	37 – 76	ng/mL		Control 2	1828 – 3798	pg/mL
IL-37/IL-1F7	Control 1	43 – 90	pg/mL	YKL40/CHI3L1	Control 1	0.93 – 1.9	ng/mL
	Control 2	223 – 463	pg/mL		Control 2	5.1 – 11	ng/mL
IL-19	Control 1	2232 – 4636	pg/mL				
	Control 2	11794 – 24495	pg/mL				
CCL28	Control 1	1505 – 3126	pg/mL				
	Control 2	7253 – 15064	pg/mL				

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