

QUALITY CONTROL RANGES
MILLIPLEX® MAP Human Cytokine/Chemokine Magnetic Bead Panel IV
Kit Catalog # HCYP4MAG-64K, HCY4MAG-64K-PX20, and HCP4MG64KPX20BK
Control Catalog # MXH6064 Lot # MXH-107 and 207



<u>Analyte</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>
MPIF-1	Control 1	112 – 233	pg/mL	HMGB1/HMG1	Control 1	16 – 62	ng/mL
	Control 2	565 – 1174	pg/mL		Control 2	97 – 221	ng/mL
BRAK	Control 1	924 – 2067	pg/mL	IFN β	Control 1	6013 – 12488	pg/mL
	Control 2	5400 – 11737	pg/mL		Control 2	28664 – 59532	pg/mL
CXCL16	Control 1	33 – 68	pg/mL	IL-38	Control 1	491 – 1021	pg/mL
	Control 2	158 – 328	pg/mL		Control 2	2454 – 5096	pg/mL
HCC-4	Control 1	366 – 759	pg/mL	IL-28B/IFN- λ 3	Control 1	253 – 525	pg/mL
	Control 2	1662 – 3452	pg/mL		Control 2	1235 – 2566	pg/mL
MIP-4/PARC	Control 1	110 – 247	pg/mL	BAFF/BL γ S	Control 1	3.5 – 7.2	ng/mL
	Control 2	505 – 1049	pg/mL		Control 2	21 – 44	ng/mL
IL-34	Control 1	1114 – 2313	pg/mL	IL-14/ α -Taxilin	Control 1	250 – 519	pg/mL
	Control 2	5681 – 11800	pg/mL		Control 2	1280 – 2658	pg/mL
IL-24	Control 1	5.7 – 12	ng/mL	IL-36 β	Control 1	20 – 42	pg/mL
	Control 2	30 – 63	ng/mL		Control 2	100 – 208	pg/mL
IL-35	Control 1	7.4 – 15	ng/mL	IL-32 α	Control 1	403 – 837	pg/mL
	Control 2	39 – 80	ng/mL		Control 2	2009 – 4172	pg/mL
IL-37/IL-1F7	Control 1	45 – 93	pg/mL	YKL40/CHI3L1	Control 1	1.1 – 2.2	ng/mL
	Control 2	210 – 437	pg/mL		Control 2	5.3 – 11	ng/mL
IL-19	Control 1	2444 – 5075	pg/mL				
	Control 2	11882 – 24678	pg/mL				
CCL28	Control 1	1418 – 2944	pg/mL				
	Control 2	6777 – 14075	pg/mL				

MXH6064: MXH-107.207 (26 May 2022)

EMD MILLIPORE • 1-800-645-5476 • 1-800-645-5439 (FAX) • www.emdmillipore.com

The M logo is a trademark of Merck KGaA, Darmstadt, Germany.

© 2013 EMD Millipore Corporation, Billerica, MA 01821 USA