

QUALITY CONTROL RANGES
MILLIPLEX[®] MAP Human Th17 Magnetic Bead Panel
Catalog # HTH17MAG-14K, HT17MG-14K-PX25, HT17MAG14PMX25BK
Control Catalog # HTH17-6014 Lot # TH17-111.211



<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>
IL-17F	Control 1	0.22 - 0.46	ng/mL	IL-2	Control 1	110 - 229	pg/mL
	Control 2	2.2 - 4.6	ng/mL		Control 2	1075 - 2234	pg/mL
GMCSF	Control 1	0.52 - 1.1	ng/mL	IL-21	Control 1	43 - 89	pg/mL
	Control 2	5.6 - 12	ng/mL		Control 2	417 - 865	pg/mL
IFNG	Control 1	100 - 207	pg/mL	IL-4	Control 1	0.21 - 0.43	ng/mL
	Control 2	922-1914	pg/mL		Control 2	2.0 - 4.1	ng/mL
IL-10	Control 1	12 - 24	pg/mL	IL-23	Control 1	3.6 - 7.5	ng/mL
	Control 2	121 - 251	pg/mL		Control 2	33 - 69	ng/mL
CCL20/MIP3 α	Control 1	57 - 119	pg/mL	IL-5	Control 1	60 - 125	pg/mL
	Control 2	496 - 1029	pg/mL		Control 2	575 - 1194	pg/mL
IL-12P70	Control 1	46 - 95	pg/mL	IL-6	Control 1	20 - 42	pg/mL
	Control 2	440 - 915	pg/mL		Control 2	213 - 442	pg/mL
IL-13	Control 1	68 - 141	pg/mL	IL-17E/IL-25	Control 1	1.3 - 2.8	ng/mL
	Control 2	698 - 1449	pg/mL		Control 2	6.4 - 13	ng/mL
IL-15	Control 1	41 - 86	pg/mL	IL-27	Control 1	0.58 - 1.2	ng/mL
	Control 2	426 - 886	pg/mL		Control 2	6.0 - 13	ng/mL
IL-17A	Control 1	118 - 245	pg/mL	IL-31	Control 1	0.45 - 0.94	ng/mL
	Control 2	1127 - 2340	pg/mL		Control 2	4.1 - 8.5	ng/mL
IL-22	Control 1	0.35 - 0.73	ng/mL	TNF α	Control 1	21 - 43	pg/mL
	Control 2	3.2 - 6.7	ng/mL		Control 2	213 - 442	pg/mL
IL-9	Control 1	83 - 173	pg/mL	TNF β	Control 1	0.39 - 0.80	ng/mL
	Control 2	824 - 1712	pg/mL		Control 2	3.4 - 7.1	ng/mL
IL-1 β	Control 1	43 - 90	pg/mL	IL-28A	Control 1	0.46 - 1.0	ng/mL
	Control 2	409 - 848	pg/mL		Control 2	4.3 - 9.5	ng/mL
IL-33	Control 1	57 - 119	pg/mL				
	Control 2	526 - 1092	pg/mL				

HTH17-6014: TH17-111.211 (05 November 2020)

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