

QUALITY CONTROL RANGES
MILLIPLEX® MAP Human CD8 + T Cell Magnetic Bead Panel
Catalog # HCD8MAG-15K, HCD8MAG15K17PMX or HCD8MAG15KPX17BK
Control Catalog # HCD8-6015 Lot # HCD8-110 and HCD8-210



<u>Analyte</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>	<u>Analyte</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
GM-CSF	Control 1	0.08 - 0.16	ng/mL	IL-4	Control 1	0.06 - 0.11	ng/mL
	Control 2	0.82 - 1.7	ng/mL		Control 2	0.53 - 1.1	ng/mL
sCD137	Control 1	0.06 - 0.12	ng/mL	IL-5	Control 1	0.03 - 0.07	ng/mL
	Control 2	0.61 - 1.3	ng/mL		Control 2	0.32 - 0.67	ng/mL
IFN γ	Control 1	0.03 - 0.06	ng/mL	IL-6	Control 1	0.008 - 0.02	ng/mL
	Control 2	0.29 - 0.61	ng/mL		Control 2	0.09 - 0.18	ng/mL
IL-10	Control 1	0.12 - 0.25	ng/mL	sFasL	Control 1	0.30 - 0.62	ng/mL
	Control 2	1.3 - 2.6	ng/mL		Control 2	2.9 - 6.1	ng/mL
Granzyme A	Control 1	1.3 - 2.7	ng/mL	MIP-1 α	Control 1	0.03 - 0.07	ng/mL
	Control 2	11 - 23	ng/mL		Control 2	0.25 - 0.52	ng/mL
IL-13	Control 1	0.04 - 0.09	ng/mL	MIP-1 β	Control 1	0.17 - 0.35	ng/mL
	Control 2	0.47 - 1.0	ng/mL		Control 2	1.8 - 3.6	ng/mL
Granzyme B	Control 1	0.05 - 0.10	ng/mL	TNF α	Control 1	0.01 - 0.02	ng/mL
	Control 2	0.42 - 0.88	ng/mL		Control 2	0.12 - 0.24	ng/mL
sFas	Control 1	7.0 - 14	ng/mL	Perforin	Control 1	0.25 - 0.53	ng/mL
	Control 2	81 - 167	ng/mL		Control 2	2.8 - 5.9	ng/mL
IL-2	Control 1	0.04 - 0.09	ng/mL				
	Control 2	0.44 - 0.92	ng/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.

HCD8-6015: HCD8-110,210 (11 May 2021) • EMD Millipore • 1-800-645-5476 • 1-800-645-5439 (FAX) • emdmillipore.com

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