

QUALITY CONTROL RANGES

MILLIPLEX® MAP Human Cytokine/ Chemokine Magnetic Bead Panel Catalog# HCYTOMAG-60K Control Catalog # MXH6060 Lot # HCC 117 and HCC 217



<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>
EGF	Control 1	101 – 210	pg/mL	IL-1β	Control 1	97 – 202	pg/mL
	Control 2	506 – 1050	pg/mL		Control 2	485 – 1007	pg/mL
Eotaxin	Control 1	105 – 217	pg/mL	IL-1ra	Control 1	93 – 194	pg/mL
	Control 2	492 – 1022	pg/mL		Control 2	468 – 972	pg/mL
FGF-2	Control 1	100 – 207	pg/mL	IL-2	Control 1	98 – 203	pg/mL
	Control 2	447 – 928	pg/mL		Control 2	497 – 1032	pg/mL
Flt-3L	Control 1	106 – 221	pg/mL	IL-3	Control 1	97 – 202	pg/mL
	Control 2	537 – 1115	pg/mL		Control 2	485 – 1008	pg/mL
Fractalkine	Control 1	105 – 217	pg/mL	IL-4	Control 1	100 – 207	pg/mL
	Control 2	528 – 1097	pg/mL		Control 2	493 – 1023	pg/mL
G-CSF	Control 1	114 – 237	pg/mL	IL-5	Control 1	112 – 232	pg/mL
	Control 2	600 – 1245	pg/mL		Control 2	535 – 1112	pg/mL
GM-CSF	Control 1	91 – 188	pg/mL	IL-6	Control 1	96 – 200	pg/mL
	Control 2	453 – 940	pg/mL		Control 2	512 – 1062	pg/mL
GRO	Control 1	93 – 192	pg/mL	IL-7	Control 1	98 – 203	pg/mL
	Control 2	498 – 1034	pg/mL		Control 2	498 – 1035	pg/mL
IFN α 2	Control 1	91 – 189	pg/mL	IL-8	Control 1	102 – 213	pg/mL
	Control 2	464 – 963	pg/mL		Control 2	475 – 987	pg/mL
IFN-γ	Control 1	112 – 232	pg/mL	IL-9	Control 1	111 – 231	pg/mL
	Control 2	559 – 1161	pg/mL		Control 2	533 – 1107	pg/mL
IL-1α	Control 1	120 – 250	pg/mL	IL-10	Control 1	112 – 233	pg/mL
	Control 2	507 – 1053	pg/mL		Control 2	569 – 1182	pg/mL

Additional Analytes on reverse side

Note: The Quality Control Ranges are generated with overnight assay format using serum matrix provided in the kit.*Rantes, PDGF-AA, and PDGF-AB/BB Ranges are generated with overnight assay format using Assay Buffer provided in the kit. Quality Control Ranges for 2 hour format and Quality Control Ranges in culture media are not tested.

EMD Millipore • (636) 441-8400 • www.emdmillipore.com MXH6060.LOT NCC117.217 (28 DEC 2016)

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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-12 (p40)	Control 1	111 – 230	pg/mL	MIP-1β	Control 1	86 – 179	pg/mL
	Control 2	585 – 1216	pg/mL		Control 2	476 – 989	pg/mL
IL-12 (p70)	Control 1	114 – 237	pg/mL	*PDGF-AA	Control 1	136 – 282	pg/mL
	Control 2	577 – 1199	pg/mL		Control 2	591 – 1228	pg/mL
IL-13	Control 1	105 – 218	pg/mL	*PDGF-AB/BB	Control 1	109 – 225	pg/mL
	Control 2	542 – 1126	pg/mL		Control 2	543 – 1128	pg/mL
IL-15	Control 1	90 – 187	pg/mL	*RANTES	Control 1	105 – 217	pg/mL
	Control 2	492 – 1021	pg/mL		Control 2	562 – 1168	pg/mL
IL-17	Control 1	102 – 212	pg/mL	sCD40L	Control 1	93 – 193	pg/mL
	Control 2	515 – 1070	pg/mL		Control 2	471 – 977	pg/mL
IP-10	Control 1	91 – 188	pg/mL	TGF α	Control 1	92 – 192	pg/mL
	Control 2	490 – 1017	pg/mL		Control 2	408 – 847	pg/mL
MCP-1	Control 1	99 – 206	pg/mL	TNF α	Control 1	89 – 185	pg/mL
	Control 2	504 – 1047	pg/mL		Control 2	468 – 972	pg/mL
MCP-3	Control 1	106 – 221	pg/mL	TNF β	Control 1	108 – 225	pg/mL
	Control 2	539 – 1119	pg/mL		Control 2	540 – 1121	pg/mL
MDC	Control 1	123 – 255	pg/mL	VEGF	Control 1	108 – 224	pg/mL
	Control 2	588 – 1222	pg/mL		Control 2	536 – 1112	pg/mL
MIP-1 α	Control 1	130 – 269	pg/mL				
	Control 2	768 – 1595	pg/mL				

*****Additional Analytes on reverse side*****

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