



Quality Control Ranges

Human Cytokine/ Chemokine/Growth Factor Magnetic Bead Panel A

Catalog# HCYTA-60K, HCYTA-60K-PX38, HCYTA-60K-PXBK38, HCYTA-60K-PX48, HCYTMAG-60K-PXBK48

Control Catalog # HCYTA-6060-2 Lot # A6602-106 and A6602-206

Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
sCD40L	Control 1	200 – 415	pg/mL	IL-1 β	Control 1	42 – 87	pg/mL
	Control 2	849 – 1764	pg/mL		Control 2	215 – 446	pg/mL
EGF	Control 1	100 – 207	pg/mL	IL-1RA	Control 1	48 – 100	pg/mL
	Control 2	494 – 1026	pg/mL		Control 2	232 – 481	pg/mL
Eotaxin	Control 1	101 – 210	pg/mL	IL-2	Control 1	17 – 36	pg/mL
	Control 2	450 – 935	pg/mL		Control 2	85 – 177	pg/mL
FGF-2	Control 1	624 – 1297	pg/mL	IL-3	Control 1	40 – 83	pg/mL
	Control 2	2912 – 6048	pg/mL		Control 2	198 – 410	pg/mL
Flt-3L	Control 1	32 – 66	pg/mL	IL-4	Control 1	21 – 44	pg/mL
	Control 2	151 – 314	pg/mL		Control 2	96 – 200	pg/mL
Fractalkine	Control 1	1126 – 2340	pg/mL	IL-5	Control 1	23 – 47	pg/mL
	Control 2	5742 – 11925	pg/mL		Control 2	120 – 249	pg/mL
G-CSF	Control 1	178 – 370	pg/mL	IL-6	Control 1	21 – 43	pg/mL
	Control 2	842 – 1749	pg/mL		Control 2	102 – 212	pg/mL
GM-CSF	Control 1	72 – 150	pg/mL	IL-7	Control 1	20 – 41	pg/mL
	Control 2	398 – 827	pg/mL		Control 2	99 – 206	pg/mL
GRO α	Control 1	35 – 72	pg/mL	IL-8	Control 1	23 – 48	pg/mL
	Control 2	191 – 396	pg/mL		Control 2	112 – 232	pg/mL
IFN α 2	Control 1	201 – 417	pg/mL	IL-9	Control 1	19 – 40	pg/mL
	Control 2	1106 – 2297	pg/mL		Control 2	108 – 224	pg/mL
IFN- γ	Control 1	34 – 71	pg/mL	IL-10	Control 1	84 – 174	pg/mL
	Control 2	153 – 318	pg/mL		Control 2	402 – 834	pg/mL
IL-1 α	Control 1	166 – 345	pg/mL	IL-12(p40)	Control 1	132 – 274	pg/mL
	Control 2	670 – 1391	pg/mL		Control 2	660 – 1370	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 ranges are generated with overnight assay format using Assay Buffer provided in the kit.

HCYTA-6060-2: A6602-106.206 (rev. 29 July 2024) EMD Millipore • (800) 645-5476 • (800) 645-5439 (FAX) • www.millipore.com

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Human Cytokine/ Chemokine/Growth Factor Magnetic Bead Panel A

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Control Catalog # HCYTA-6060-2 Lot # A6602-106 and A6602-206

Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
IL-12(p70)	Control 1	96 – 200	pg/mL	MCSF	Control 1	1327 – 2756	pg/mL
	Control 2	506 – 1052	pg/mL		Control 2	6538 – 13580	pg/mL
IL-13	Control 1	186 – 386	pg/mL	MDC	Control 1	19 – 40	pg/mL
	Control 2	1039 – 2158	pg/mL		Control 2	98 – 203	pg/mL
IL-15	Control 1	99 – 205	pg/mL	MIG/CXCL9	Control 1	150 – 311	pg/mL
	Control 2	509 – 1058	pg/mL		Control 2	764 – 1586	pg/mL
IL-17A	Control 1	39 – 82	pg/mL	MIP-1 α	Control 1	76 – 158	pg/mL
	Control 2	198 – 410	pg/mL		Control 2	386 – 801	pg/mL
IL-17E/IL-25	Control 1	1300 – 2700	pg/mL	MIP-1 β	Control 1	9.4 – 19	pg/mL
	Control 2	6403 – 13299	pg/mL		Control 2	52 – 107	pg/mL
IL-17F	Control 1	894 – 1856	pg/mL	PDGF-AA	Control 1	498 – 1034	pg/mL
	Control 2	3998 – 8303	pg/mL		Control 2	2389 – 4963	pg/mL
IL-18	Control 1	16 – 33	pg/mL	PDGF-AB/BB	Control 1	309 – 642	pg/mL
	Control 2	82 – 170	pg/mL		Control 2	1388 – 2883	pg/mL
IL-22	Control 1	434 – 902	pg/mL	*RANTES	Control 1	41 – 85	pg/mL
	Control 2	2161 – 4488	pg/mL		Control 2	204 – 424	pg/mL
IL-27	Control 1	415 – 862	pg/mL	TGF α	Control 1	33 – 68	pg/mL
	Control 2	2322 – 4822	pg/mL		Control 2	177 – 367	pg/mL
IP-10	Control 1	81 – 169	pg/mL	TNF α	Control 1	151 – 313	pg/mL
	Control 2	451 – 936	pg/mL		Control 2	796 – 1654	pg/mL
MCP-1	Control 1	102 – 212	pg/mL	TNF β	Control 1	53 – 111	pg/mL
	Control 2	495 – 1029	pg/mL		Control 2	258 – 537	pg/mL
MCP-3	Control 1	280 – 582	pg/mL	VEGF-A	Control 1	82 – 171	pg/mL
	Control 2	1272 – 2643	pg/mL		Control 2	421 – 875	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 ranges are generated with overnight assay format using Assay Buffer provided in the kit.

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