



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-6060-1 Lot # A60MG-105 and A60MG-205

<u>I</u> Cytokine	<u>QC</u> Level	<u>Expected Range</u>	<u>Units</u>	<u>Cytokine</u>	<u>QC</u> Level	<u>Expected Range</u>	<u>Units</u>
G-CSF	Control 1	179 - 372	pg/mL	IL-12(p40)	Control 1	137 - 284	pg/mL
	Control 2	882 - 1831	pg/mL		Control 2	673 - 1398	pg/mL
GM-CSF	Control 1	72 - 150	pg/mL	IL-12(p70)	Control 1	101 - 210	pg/ml
	Control 2	397 - 824	pg/mL		Control 2	528 - 1096	pg/ml
IFN- γ	Control 1	34 - 70	pg/mL	IL-13	Control 1	213 - 442	pg/ml
	Control 2	157 - 327	pg/mL		Control 2	1147 - 2383	pg/ml
IL-1 β	Control 1	48 - 99	pg/mL	IL-17A	Control 1	44 - 92	pg/ml
	Control 2	234 - 486	pg/mL		Control 2	216 - 448	pg/ml
IL-1RA	Control 1	53 - 109	pg/mL	IL-17E/IL-25	Control 1	1406 - 2920	pg/ml
	Control 2	252 - 524	pg/mL		Control 2	6642 - 13795	pg/ml
IL-2	Control 1	19 - 39	pg/mL	IL-17F	Control 1	994 - 2065	pg/ml
	Control 2	92 - 191	pg/mL		Control 2	4217 - 8759	pg/ml
IL-4	Control 1	21 - 44	pg/mL	IL-18	Control 1	18 - 37	pg/ml
	Control 2	103 - 214	pg/mL		Control 2	88 - 182	pg/ml
IL-5	Control 1	25 - 51	pg/mL	IL-22	Control 1	482 - 1001	pg/ml
	Control 2	123 - 256	pg/mL		Control 2	2136 - 4437	pg/ml
IL-6	Control 1	22 - 46	pg/mL	IL-27	Control 1	485 - 1008	pg/ml
	Control 2	107 - 223	pg/mL		Control 2	2519 - 5231	pg/ml
IL-8	Control 1	25 - 52	pg/mL	IP-10	Control 1	91 - 188	pg/ml
	Control 2	121 - 252	pg/mL		Control 2	469 - 974	pg/ml
IL-10	Control 1	88 - 182	pg/mL	MCP-1	Control 1	113 - 234	pg/ml
	Control 2	432 - 897	pg/mL		Control 2	520 - 1079	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-6060-1: A60MG-105.205 (09 November 2023) EMD Millipore • (800) 645-5476 • (800) 645-5439 (FAX) • www.millipore.com

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Control Catalog # HCYTA-6060-1 Lot # A60MG-105 and A60MG-205

<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
MCSF	Control1	1444 - 3000	pg/ml
	Control 2	6811 - 14145	pg/ml
MIG/CXCL9	Control1	140 - 291	pg/ml
	Control 2	735 - 1526	pg/ml
MIP-1 β	Control1	11 - 23	pg/ml
	Control 2	54 - 112	pg/ml
*RANTES	Control1	46 - 96	pg/ml
	Control 2	225 - 468	pg/ml
TNF α	Control1	217 - 450	pg/ml
	Control 2	1024 - 2126	pg/ml

Additional Analytes on reverse side

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