



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-102A and A60MG-202A

Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
G-CSF	Control 1	170 - 353	pg/mL	IL-12(p40)	Control 1	197 - 408	pg/mL
	Control 2	956 - 1985	pg/mL		Control 2	998 - 2074	pg/mL
GM-CSF	Control 1	76 - 165	pg/mL	IL-12(p70)	Control 1	107 - 223	pg/ml
	Control 2	452 - 938	pg/mL		Control 2	552 - 1147	pg/ml
IFN- γ	Control 1	26 - 105	pg/mL	IL-13	Control 1	221 - 458	pg/ml
	Control 2	133 - 558	pg/mL		Control 2	1233 - 2561	pg/ml
IL-1 β	Control 1	50 - 103	pg/mL	IL-17A	Control 1	40 - 83	pg/ml
	Control 2	260 - 540	pg/mL		Control 2	218 - 453	pg/ml
IL-1RA	Control 1	55 - 114	pg/mL	IL-17E/IL-25	Control 1	1074 - 2230	pg/ml
	Control 2	268 - 557	pg/mL		Control 2	5551 - 11530	pg/ml
IL-2	Control 1	19 - 44	pg/mL	IL-17F	Control 1	877 - 1949	pg/ml
	Control 2	105 - 219	pg/mL		Control 2	4401 - 9736	pg/ml
IL-4	Control 1	22 - 46	pg/mL	IL-18	Control 1	18 - 39	pg/ml
	Control 2	122 - 254	pg/mL		Control 2	99 - 205	pg/ml
IL-5	Control 1	20 - 44	pg/mL	IL-22	Control 1	484 - 1006	pg/ml
	Control 2	114 - 237	pg/mL		Control 2	2259 - 4888	pg/ml
IL-6	Control 1	22 - 46	pg/mL	IL-27	Control 1	366 - 795	pg/ml
	Control 2	109 - 227	pg/mL		Control 2	2382 - 4948	pg/ml
IL-8	Control 1	23 - 47	pg/mL	IP-10	Control 1	75 - 162	pg/ml
	Control 2	113 - 234	pg/mL		Control 2	418 - 1194	pg/ml
IL-10	Control 1	86 - 179	pg/mL	MCP-1	Control 1	111 - 231	pg/ml
	Control 2	441 - 917	pg/mL		Control 2	510 - 1059	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-102A.202A (27 July 2021) EMD Millipore • (800) 645-5476 • (800) 645-5439 (FAX) • www.millipore.com

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Control Catalog # HCYTA-6060-1 Lot # A60MG-102A and A60MG-202A

<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
MCSF	Control1	1227 - 2666	pg/ml
	Control 2	6607 - 13723	pg/ml
MIG/CXCL9	Control1	143 - 296	pg/ml
	Control 2	835 - 1735	pg/ml
MIP-1 β	Control1	10 - 21	pg/ml
	Control 2	59 - 123	pg/ml
*RANTES	Control1	42 - 88	pg/ml
	Control 2	208 - 432	pg/ml
TNF α	Control1	127 - 321	pg/ml
	Control 2	849 - 1764	pg/ml

Additional Analytes on reverse side

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