



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-106 and A60MG-206

<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>
G-CSF	Control 1	148 - 307	pg/mL	IL-12(p40)	Control 1	148 - 307	pg/mL
	Control 2	779 - 1619	pg/mL		Control 2	750 - 1558	pg/mL
GM-CSF	Control 1	73 - 151	pg/mL	IL-12(p70)	Control1	94 - 196	pg/ml
	Control 2	355 - 737	pg/mL		Control 2	498 - 1034	pg/ml
IFN- γ	Control 1	41 - 86	pg/mL	IL-13	Control1	191 - 397	pg/ml
	Control 2	216 - 448	pg/mL		Control 2	1074 - 2230	pg/ml
IL-1 β	Control 1	42 - 88	pg/mL	IL-17A	Control1	36 - 75	pg/ml
	Control 2	224 - 466	pg/mL		Control 2	190 - 394	pg/ml
IL-1RA	Control 1	48 - 99	pg/mL	IL-17E/IL-25	Control1	1148 - 2385	pg/ml
	Control 2	237 - 493	pg/mL		Control 2	5995 - 12451	pg/ml
IL-2	Control 1	18 - 37	pg/mL	IL-17F	Control1	873 - 1812	pg/ml
	Control 2	90 - 186	pg/mL		Control 2	3910 - 8121	pg/ml
IL-4	Control 1	19 - 39	pg/mL	IL-18	Control1	16 - 33	pg/ml
	Control 2	96 - 200	pg/mL		Control 2	85 - 176	pg/ml
IL-5	Control 1	21 - 44	pg/mL	IL-22	Control1	411 - 854	pg/ml
	Control 2	106 - 221	pg/mL		Control 2	2126 - 4416	pg/ml
IL-6	Control 1	19 - 39	pg/mL	IL-27	Control1	421 - 875	pg/ml
	Control 2	99 - 206	pg/mL		Control 2	2313 - 4805	pg/ml
IL-8	Control 1	21 - 44	pg/mL	IP-10	Control1	79 - 165	pg/ml
	Control 2	106 - 220	pg/mL		Control 2	410 - 851	pg/ml
IL-10	Control 1	78 - 162	pg/mL	MCP-1	Control1	103 - 215	pg/ml
	Control 2	398 - 827	pg/mL		Control 2	480 - 998	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-106.206 (rev. 04 August 2025) SigmaAldrich.com



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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-106 and A60MG-206

<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
MCSF	Control1	1279 - 2656	pg/ml
	Control 2	6381 - 13252	pg/ml
MIG/CXCL9	Control1	167 - 346	pg/ml
	Control 2	856 - 1777	pg/ml
MIP-1 β	Control1	20 - 41	pg/ml
	Control 2	110 - 228	pg/ml
*RANTES	Control1	40 - 83	pg/ml
	Control 2	197 - 409	pg/ml
TNF α	Control1	235 - 487	pg/ml
	Control 2	1073 - 2229	pg/ml

Additional Analytes on reverse side

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