



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-107 and A60MG-207

<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	208 - 432	pg/mL	IL-12(p40)	Control 1	136 - 282	pg/mL
	Control 2	857 - 1780	pg/mL		Control 2	522 - 1084	pg/mL
GM-CSF	Control 1	263 - 547	pg/mL	IL-12(p70)	Control1	64 - 132	pg/ml
	Control 2	882 - 1831	pg/mL		Control 2	266 - 553	pg/ml
IFN- γ	Control 1	57 - 118	pg/mL	IL-13	Control1	163 - 339	pg/ml
	Control 2	198 - 412	pg/mL		Control 2	693 - 1440	pg/ml
IL-1 β	Control 1	157 - 325	pg/mL	IL-17A	Control1	33 - 69	pg/ml
	Control 2	639 - 1327	pg/mL		Control 2	128 - 266	pg/ml
IL-1RA	Control 1	32 - 67	pg/mL	IL-17E/IL-25	Control1	1855 - 3852	pg/ml
	Control 2	131 - 273	pg/mL		Control 2	7332 - 15229	pg/ml
IL-2	Control 1	45 - 93	pg/mL	IL-17F	Control1	635 - 1318	pg/ml
	Control 2	176 - 365	pg/mL		Control 2	2597 - 5393	pg/ml
IL-4	Control 1	33 - 69	pg/mL	IL-18	Control1	24 - 49	pg/ml
	Control 2	134 - 278	pg/mL		Control 2	94 - 196	pg/ml
IL-5	Control 1	37 - 76	pg/mL	IL-22	Control1	1305 - 2711	pg/ml
	Control 2	149 - 310	pg/mL		Control 2	4783 - 9935	pg/ml
IL-6	Control 1	53 - 110	pg/mL	IL-27	Control1	520 - 1081	pg/ml
	Control 2	214 - 444	pg/mL		Control 2	2218 - 4608	pg/ml
IL-8	Control 1	73 - 152	pg/mL	IP-10	Control1	80 - 166	pg/ml
	Control 2	282 - 587	pg/mL		Control 2	317 - 659	pg/ml
IL-10	Control 1	67 - 140	pg/mL	MCP-1	Control1	101 - 209	pg/ml
	Control 2	283 - 587	pg/mL		Control 2	399 - 829	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-107.207 (27 August 2025) SigmaAldrich.com



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Control Catalog # HCYTA-6060-1 Lot # A60MG-107 and A60MG-207

<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
MCSF	Control1	1024 - 2126	pg/ml
	Control 2	4014 - 8338	pg/ml
MIG/CXCL9	Control1	581 - 1206	pg/ml
	Control 2	2356 - 4893	pg/ml
MIP-1 β	Control1	34 - 71	pg/ml
	Control 2	147 - 305	pg/ml
*RANTES	Control1	54 - 112	pg/ml
	Control 2	214 - 444	pg/ml
TNF α	Control1	127 - 264	pg/ml
	Control 2	478 - 993	pg/ml

Additional Analytes on reverse side

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