



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 # A6602-107 and A6602-207

Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
sCD40L	Control 1	314 – 653	pg/mL	IL-1 β	Control 1	49 – 102	pg/mL
	Control 2	1349 – 2801	pg/mL		Control 2	248 – 515	pg/mL
EGF	Control 1	114 – 238	pg/mL	IL-1RA	Control 1	55 – 115	pg/mL
	Control 2	555 – 1152	pg/mL		Control 2	266 – 552	pg/mL
Eotaxin	Control 1	113 – 235	pg/mL	IL-2	Control 1	21 – 43	pg/mL
	Control 2	517 – 1073	pg/mL		Control 2	102 – 211	pg/mL
FGF-2	Control 1	765 – 1588	pg/mL	IL-3	Control 1	44 – 92	pg/mL
	Control 2	3540 – 7351	pg/mL		Control 2	214 – 444	pg/mL
Flt-3L	Control 1	33 – 69	pg/mL	IL-4	Control 1	23 – 47	pg/mL
	Control 2	160 – 333	pg/mL		Control 2	106 – 221	pg/mL
Fractalkine	Control 1	1121 – 2327	pg/mL	IL-5	Control 1	24 – 51	pg/mL
	Control 2	5870 – 12191	pg/mL		Control 2	129 – 268	pg/mL
G-CSF	Control 1	187 – 389	pg/mL	IL-6	Control 1	22 – 46	pg/mL
	Control 2	859 – 1783	pg/mL		Control 2	116 – 241	pg/mL
GM-CSF	Control 1	94 – 194	pg/mL	IL-7	Control 1	22 – 46	pg/mL
	Control 2	412 – 855	pg/mL		Control 2	106 – 221	pg/mL
GRO α	Control 1	39 – 82	pg/mL	IL-8	Control 1	23 – 48	pg/mL
	Control 2	212 – 441	pg/mL		Control 2	110 – 228	pg/mL
IFN α 2	Control 1	251 – 522	pg/mL	IL-9	Control 1	22 – 45	pg/mL
	Control 2	1269 – 2635	pg/mL		Control 2	118 – 245	pg/mL
IFN- γ	Control 1	43 – 89	pg/mL	IL-10	Control 1	92 – 191	pg/mL
	Control 2	185 – 384	pg/mL		Control 2	439 – 911	pg/mL
IL-1 α	Control 1	175 – 363	pg/mL	IL-12(p40)	Control 1	176 – 366	pg/mL
	Control 2	780 – 1620	pg/mL		Control 2	853 – 1772	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: A6602-107.207 (September 2024) EMD Millipore • (800) 645-5476 • (800) 645-5439 (FAX) • www.millipore.com

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Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
IL-12(p70)	Control 1	107 – 222	pg/mL	MCSF	Control 1	1439 – 2988	pg/mL
	Control 2	523 – 1086	pg/mL		Control 2	6923 – 14379	pg/mL
IL-13	Control 1	218 – 452	pg/mL	MDC	Control 1	21 – 45	pg/mL
	Control 2	1165 – 2420	pg/mL		Control 2	109 – 227	pg/mL
IL-15	Control 1	111 – 231	pg/mL	MIG/CXCL9	Control 1	188 – 390	pg/mL
	Control 2	555 – 1152	pg/mL		Control 2	956 – 1985	pg/mL
IL-17A	Control 1	44 – 91	pg/mL	MIP-1 α	Control 1	94 – 196	pg/mL
	Control 2	214 – 445	pg/mL		Control 2	477 – 991	pg/mL
IL-17E/IL-25	Control 1	1362 – 2829	pg/mL	MIP-1 β	Control 1	13 – 27	pg/mL
	Control 2	6548 – 13600	pg/mL		Control 2	56 – 116	pg/mL
IL-17F	Control 1	1052 – 2184	pg/mL	PDGF-AA	Control 1	558 – 1159	pg/mL
	Control 2	4982 – 10347	pg/mL		Control 2	3138 – 6518	pg/mL
IL-18	Control 1	18 – 37	pg/mL	PDGF-AB/BB	Control 1	340 – 706	pg/mL
	Control 2	95 – 198	pg/mL		Control 2	1583 – 3288	pg/mL
IL-22	Control 1	461 – 957	pg/mL	*RANTES	Control 1	46 – 96	pg/mL
	Control 2	2362 – 4906	pg/mL		Control 2	232 – 483	pg/mL
IL-27	Control 1	515 – 1070	pg/mL	TGF α	Control 1	39 – 80	pg/mL
	Control 2	2522 – 5238	pg/mL		Control 2	206 – 427	pg/mL
IP-10	Control 1	90 – 186	pg/mL	TNF α	Control 1	241 – 501	pg/mL
	Control 2	458 – 950	pg/mL		Control 2	1107 – 2299	pg/mL
MCP-1	Control 1	117 – 244	pg/mL	TNF β	Control 1	58 – 120	pg/mL
	Control 2	539 – 1120	pg/mL		Control 2	286 – 593	pg/mL
MCP-3	Control 1	294 – 611	pg/mL	VEGF-A	Control 1	87 – 182	pg/mL
	Control 2	1350 – 2803	pg/mL		Control 2	458 – 950	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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