

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 # A6602-105 and A6602-205



Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
sCD40L	Control 1	262 – 570	pg/mL	IL-1β	Control 1	53 – 109	pg/mL
	Control 2	1121 – 2339	pg/mL		Control 2	253 – 525	pg/mL
EGF	Control 1	118 – 245	pg/mL	IL-1RA	Control 1	58 – 121	pg/mL
	Control 2	542 – 1126	pg/mL		Control 2	268 – 558	pg/mL
Eotaxin	Control 1	113 – 235	pg/mL	IL-2	Control 1	22 – 46	pg/mL
	Control 2	489 – 1016	pg/mL		Control 2	97 – 202	pg/mL
FGF-2	Control 1	796 – 1653	pg/mL	IL-3	Control 1	45 – 93	pg/mL
	Control 2	3670 – 7623	pg/mL		Control 2	213 – 442	pg/mL
Flt-3L	Control 1	36 – 74	pg/mL	IL-4	Control 1	22 – 46	pg/mL
	Control 2	155 – 323	pg/mL		Control 2	96 – 199	pg/mL
Fractalkine	Control 1	1187 – 2466	pg/mL	IL-5	Control 1	25 – 51	pg/mL
	Control 2	5676 – 11789	pg/mL		Control 2	127 – 264	pg/mL
G-CSF	Control 1	189 – 392	pg/mL	IL-6	Control 1	23 – 47	pg/mL
	Control 2	871 – 1810	pg/mL		Control 2	109 – 226	pg/mL
GM-CSF	Control 1	91 – 189	pg/mL	IL-7	Control 1	23 – 47	pg/mL
	Control 2	416 – 864	pg/mL		Control 2	106 – 220	pg/mL
GROα	Control 1	43 – 90	pg/mL	IL-8	Control 1	26 – 54	pg/mL
	Control 2	212 – 441	pg/mL		Control 2	116 – 241	pg/mL
IFNα2	Control 1	254 – 528	pg/mL	IL-9	Control 1	22 – 45	pg/mL
	Control 2	1332 – 2766	pg/mL		Control 2	112 – 232	pg/mL
IFN-γ	Control 1	43 – 93	pg/mL	IL-10	Control 1	96 – 199	pg/mL
	Control 2	179 – 388	pg/mL		Control 2	435 – 904	pg/mL
IL-1α	Control 1	179 – 371	pg/mL	IL-12(p40)	Control 1	178 – 370	pg/mL
	Control 2	665 – 1382	pg/mL		Control 2	787 – 1634	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: A6602-105.205 (17 January 2023) EMD Millipore • (800) 645-5476 • (800) 645-5439 (FAX) • www.millipore.com

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Human Cytokine/ Chemokine/Growth Factor Magnetic Bead Panel A

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Control Catalog # HCYTA-6060-2 Lot # A6602-105 and A6602-205

Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
IL-12(p70)	Control 1	111 – 231	pg/mL	MCSF	Control 1	1519 – 3155	pg/mL
	Control 2	540 – 1122	pg/mL		Control 2	6879 – 14287	pg/mL
IL-13	Control 1	226 – 469	pg/mL	MDC	Control 1	22 – 46	pg/mL
	Control 2	1163 – 2416	pg/mL		Control 2	106 – 221	pg/mL
IL-15	Control 1	116 – 242	pg/mL	MIG/CXCL9	Control 1	167 – 347	pg/mL
	Control 2	562 – 1168	pg/mL		Control 2	653 – 1578	pg/mL
IL-17A	Control 1	46 – 95	pg/mL	MIP-1 α	Control 1	97 – 202	pg/mL
	Control 2	216 – 448	pg/mL		Control 2	476 – 989	pg/mL
IL-17E/IL-25	Control 1	1542 – 3203	pg/mL	MIP-1 β	Control 1	11 – 24	pg/mL
	Control 2	6801 – 14125	pg/mL		Control 2	59 – 122	pg/mL
IL-17F	Control 1	1001 – 2079	pg/mL	PDGF-AA	Control 1	484 – 1006	pg/mL
	Control 2	4025 – 8360	pg/mL		Control 2	2367 – 4915	pg/mL
IL-18	Control 1	19 – 40	pg/mL	PDGF-AB/BB	Control 1	349 – 725	pg/mL
	Control 2	93 – 194	pg/mL		Control 2	1259 – 2627	pg/mL
IL-22	Control 1	495 – 1029	pg/mL	*RANTES	Control 1	54 – 116	pg/mL
	Control 2	2016 – 4187	pg/mL		Control 2	233 – 485	pg/mL
IL-27	Control 1	476 – 988	pg/mL	TGF α	Control 1	48 – 99	pg/mL
	Control 2	2628 – 5459	pg/mL		Control 2	202 – 420	pg/mL
IP-10	Control 1	91 – 189	pg/mL	TNF α	Control 1	177 – 367	pg/mL
	Control 2	457 – 949	pg/mL		Control 2	914 – 1899	pg/mL
MCP-1	Control 1	117 – 244	pg/mL	TNF β	Control 1	58 – 120	pg/mL
	Control 2	525 – 1091	pg/mL		Control 2	263 – 545	pg/mL
MCP-3	Control 1	292 – 606	pg/mL	VEGF-A	Control 1	89 – 185	pg/mL
	Control 2	1224 – 2542	pg/mL		Control 2	432 – 896	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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