



### 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 # A6602-108 and A6602-208

<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>
sCD40L	Control 1	343 - 712	pg/mL	IL-1β	Control 1	142 - 295	pg/mL
	Control 2	1439 - 2988	pg/mL		Control 2	576 - 1197	pg/mL
EGF	Control 1	97 - 201	pg/mL	IL-1RA	Control 1	30 - 63	pg/mL
	Control 2	381 - 791	pg/mL		Control 2	123 - 255	pg/mL
Eotaxin	Control 1	133 - 276	pg/mL	IL-2	Control 1	42 - 86	pg/mL
	Control 2	504 - 1047	pg/mL		Control 2	165 - 343	pg/mL
FGF-2	Control 1	687 - 1426	pg/mL	IL-3	Control 1	33 - 68	pg/mL
	Control 2	2657 - 5519	pg/mL		Control 2	133 - 277	pg/mL
Flt-3L	Control 1	29 - 60	pg/mL	IL-4	Control 1	31 - 65	pg/mL
	Control 2	113 - 235	pg/mL		Control 2	125 - 259	pg/mL
Fractalkine	Control 1	676 - 1403	pg/mL	IL-5	Control 1	34 - 71	pg/mL
	Control 2	2901 - 6025	pg/mL		Control 2	135 - 281	pg/mL
G-CSF	Control 1	201 - 418	pg/mL	IL-6	Control 1	50 - 104	pg/mL
	Control 2	800 - 1661	pg/mL		Control 2	205 - 425	pg/mL
GM-CSF	Control 1	276 - 574	pg/mL	IL-7	Control 1	26 - 54	pg/mL
	Control 2	874 - 1816	pg/mL		Control 2	104 - 216	pg/mL
GROα	Control 1	34 - 71	pg/mL	IL-8	Control 1	71 - 147	pg/mL
	Control 2	146 - 303	pg/mL		Control 2	271 - 563	pg/mL
IFNα2	Control 1	196 - 407	pg/mL	IL-9	Control 1	37 - 78	pg/mL
	Control 2	773 - 1605	pg/mL		Control 2	162 - 336	pg/mL
IFN-γ	Control 1	56 - 117	pg/mL	IL-10	Control 1	65 - 134	pg/mL
	Control 2	216 - 450	pg/mL		Control 2	261 - 542	pg/mL
IL-1α	Control 1	234 - 486	pg/mL	IL-12(p40)	Control 1	125 - 259	pg/mL
	Control 2	853 - 1772	pg/mL		Control 2	464 - 964	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.**

**HCYTA-6060-2: A6602-108/-208 (25 August 2025) • SigmaAldrich.com/support • SigmaAldrich.com**



## 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 # A6602-108 and A6602-208

<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>
IL-12(p70)	Control 1	61 - 126	pg/mL	MCSF	Control 1	995 - 2067	pg/mL
	Control 2	246 - 510	pg/mL		Control 2	3973 - 8252	pg/mL
IL-13	Control 1	155 - 321	pg/mL	MDC	Control 1	33 - 69	pg/mL
	Control 2	641 - 1332	pg/mL		Control 2	137 - 285	pg/mL
IL-15	Control 1	43 - 89	pg/mL	MIG/CXCL9	Control 1	538 - 1117	pg/mL
	Control 2	175 - 363	pg/mL		Control 2	2206 - 4583	pg/mL
IL-17A	Control 1	30 - 63	pg/mL	MIP-1 $\alpha$	Control 1	82 - 170	pg/mL
	Control 2	116 - 241	pg/mL		Control 2	318 - 660	pg/mL
IL-17E/IL-25	Control 1	1684 - 3498	pg/mL	MIP-1 $\beta$	Control 1	34 - 71	pg/mL
	Control 2	6503 - 13506	pg/mL		Control 2	138 - 287	pg/mL
IL-17F	Control 1	603 - 1252	pg/mL	PDGF-AA	Control 1	383 - 795	pg/mL
	Control 2	2473 - 5137	pg/mL		Control 2	1687 - 3504	pg/mL
IL-18	Control 1	23 - 47	pg/mL	PDGF-AB/BB	Control 1	898 - 1865	pg/mL
	Control 2	90 - 186	pg/mL		Control 2	3815 - 7924	pg/mL
IL-22	Control 1	1237 - 2570	pg/mL	*RANTES	Control 1	51 - 107	pg/mL
	Control 2	4635 - 9627	pg/mL		Control 2	208 - 433	pg/mL
IL-27	Control 1	496 - 1031	pg/mL	TGF $\alpha$	Control 1	59 - 123	pg/mL
	Control 2	2087 - 4334	pg/mL		Control 2	232 - 483	pg/mL
IP-10	Control 1	76 - 157	pg/mL	TNF $\alpha$	Control 1	118 - 245	pg/mL
	Control 2	307 - 637	pg/mL		Control 2	458 - 952	pg/mL
MCP-1	Control 1	97 - 201	pg/mL	TNF $\beta$	Control 1	44 - 91	pg/mL
	Control 2	391 - 811	pg/mL		Control 2	177 - 367	pg/mL
MCP-3	Control 1	237 - 493	pg/mL	VEGF-A	Control 1	95 - 198	pg/mL
	Control 2	924 - 1919	pg/mL		Control 2	399 - 828	pg/mL

\*\*\*Additional Analytes on reverse side\*\*\*

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