



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-103 and A60MG-203

Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
G-CSF	Control 1	185 - 383	pg/mL	IL-12(p40)	Control 1	151 – 315	pg/mL
	Control 2	946 - 1964	pg/mL		Control 2	716 - 1488	pg/mL
GM-CSF	Control 1	78 – 163	pg/mL	IL-12(p70)	Control1	104 – 215	pg/ml
	Control 2	430 - 893	pg/mL		Control 2	538 - 1117	pg/ml
IFN- γ	Control 1	34 – 72	pg/mL	IL-13	Control1	212 – 440	pg/ml
	Control 2	167 - 377	pg/mL		Control 2	1166 - 2421	pg/ml
IL-1 β	Control 1	49 - 103	pg/mL	IL-17A	Control1	44 – 92	pg/ml
	Control 2	241 - 500	pg/mL		Control 2	224 - 465	pg/ml
IL-1RA	Control 1	56 – 115	pg/mL	IL-17E/IL-25	Control1	1384 – 2875	pg/ml
	Control 2	267 - 555	pg/mL		Control 2	6456 - 13410	pg/ml
IL-2	Control 1	20 – 43	pg/mL	IL-17F	Control1	1018 – 2114	pg/ml
	Control 2	100 - 208	pg/mL		Control 2	4712 - 9787	pg/ml
IL-4	Control 1	22 - 46	pg/mL	IL-18	Control1	17 – 36	pg/ml
	Control 2	109 - 227	pg/mL		Control 2	92 - 192	pg/ml
IL-5	Control 1	25 – 52	pg/mL	IL-22	Control1	503 – 1045	pg/ml
	Control 2	129 - 268	pg/mL		Control 2	2127 - 4417	pg/ml
IL-6	Control 1	22 - 46	pg/mL	IL-27	Control1	468 – 971	pg/ml
	Control 2	109 - 226	pg/mL		Control 2	2593 - 5386	pg/ml
IL-8	Control 1	25 – 51	pg/mL	IP-10	Control1	93 – 194	pg/ml
	Control 2	116 - 240	pg/mL		Control 2	490 - 1017	pg/ml
IL-10	Control 1	94 – 195	pg/mL	MCP-1	Control1	110 – 229	pg/ml
	Control 2	453 - 941	pg/mL		Control 2	524 - 1089	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-103.203 (25 April 2022) EMD Millipore • (800) 645-5476 • (800) 645-5439 (FAX) • www.millipore.com

The M logo is a trademark of Merck KGaA, Darmstadt, Germany.

© 2013 EMD Millipore Corporation, Billerica, MA 01821 USA



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-103 and A60MG-203

<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
MCSF	Control1	1483 - 3080	pg/ml
	Control 2	7157 - 14865	pg/ml
MIG/CXCL9	Control1	122 – 289	pg/ml
	Control 2	761 - 1580	pg/ml
MIP-1 β	Control1	11 – 22	pg/ml
	Control 2	58 - 120	pg/ml
*RANTES	Control1	46 - 96	pg/ml
	Control 2	230 - 477	pg/ml
TNF α	Control1	167 – 347	pg/ml
	Control 2	918 - 1906	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-103.203 (25 April 2022) EMD Millipore • (800) 645-5476 • (800) 645-5439 (FAX) • www.millipore.com

The M logo is a trademark of Merck KGaA, Darmstadt, Germany.

© 2013 EMD Millipore Corporation, Billerica, MA 01821 USA