



### Quality Control Ranges

#### Non-Human Primate Cytokine/ Chemokine/Growth Factor Magnetic Bead Panel A

Catalog# PRCYTA-40K, PRCYTA-40K-PX38, PRCYTA-40K-BK38, PRCYTA-40K-PX48, PRCYTA-40K-BK48

#### Control Catalog # PRCYTA-6040-1 Lot # A6041-102 and A6041-202

Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
sCD40L	Control 1	800 - 1661	pg/mL	IL-6	Control 1	24 - 50	pg/mL
	Control 2	4095 - 8505	pg/mL		Control 2	128 - 267	pg/mL
sCD137	Control 1	20 - 42	pg/mL	Granzyme B	Control 1	25 - 52	pg/mL
	Control 2	102 - 213	pg/mL		Control 2	129 - 267	pg/mL
IFN- $\gamma$	Control 1	37 - 76	pg/mL	IL-8	Control 1	1.1 - 2.4	pg/mL
	Control 2	185 - 385	pg/mL		Control 2	5.9 - 12	pg/mL
sFasL	Control 1	101 - 211	pg/mL	IL-1RA	Control 1	94 - 195	pg/mL
	Control 2	531 - 1102	pg/mL		Control 2	503 - 1045	pg/mL
G-CSF	Control 1	100 - 208	pg/mL	IL-1 $\beta$	Control 1	22 - 46	pg/mL
	Control 2	537 - 1116	pg/mL		Control 2	112 - 234	pg/mL
GM-CSF	Control 1	25 - 52	pg/mL	IL-23	Control 1	399 - 823	pg/mL
	Control 2	123 - 256	pg/mL		Control 2	1978 - 4108	pg/mL
Granzyme A	Control 1	13 - 28	pg/mL	IL-12(p70)	Control 1	269 - 558	pg/mL
	Control 2	66 - 138	pg/mL		Control 2	1395 - 2898	pg/mL
IFN $\alpha$ 2	Control 1	51 - 105	pg/mL	IL-4	Control 1	265 - 551	pg/mL
	Control 2	262 - 545	pg/mL		Control 2	1414 - 2937	pg/mL
IL-10	Control 1	50 - 104	pg/mL	IL-18	Control 1	375 - 778	pg/mL
	Control 2	245 - 527	pg/mL		Control 2	1941 - 4031	pg/mL
IL-2	Control 1	27 - 56	pg/mL	IL-5	Control 1	67 - 140	pg/mL
	Control 2	138 - 286	pg/mL		Control 2	349 - 725	pg/mL
IL-15	Control 1	123 - 256	pg/mL	MCP-1	Control 1	69 - 143	pg/mL
	Control 2	640 - 1329	pg/mL		Control 2	337 - 700	pg/mL
IL-17A	Control 1	26 - 53	pg/mL	IL-7	Control 1	105 - 217	pg/mL
	Control 2	131 - 271	pg/mL		Control 2	525 - 1090	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.**

**PRCYTA-6040-1: A6041-102.202 (20 February 2023) EMD Millipore • (800) 645-5476 • (800) 645-5439 (FAX) • [www.millipore.com](http://www.millipore.com)**

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<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
MIP-1 $\alpha$	Control 1	13 - 28	pg/mL
	Control 2	67 - 139	pg/mL
MIP-1 $\beta$	Control 1	116 - 240	pg/mL
	Control 2	597 - 1240	pg/mL
TNF $\alpha$	Control 1	70 - 144	pg/mL
	Control 2	349 - 724	pg/mL
*RANTES	Control 1	2.1 - 4.3	pg/mL
	Control 2	11 - 23	pg/mL
TGF $\alpha$	Control 1	10 - 20	pg/mL
	Control 2	49 - 102	pg/mL
VEGF-A	Control 1	55 - 113	pg/mL
	Control 2	279 - 579	pg/mL
Perforin	Control 1	1850 - 3842	pg/mL
	Control 2	10086 - 20948	pg/mL

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