



### 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-6040-2 Lot # A6042-105 and A6042-205

Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
sCD40L	Control 1	713 – 1480	pg/mL	Granzyme A	Control 1	12 – 24	pg/mL
	Control 2	3939 – 8181	pg/mL		Control 2	58 – 121	pg/mL
BCA-1	Control 1	17 – 36	pg/mL	IFN $\alpha$ 2	Control 1	49 – 101	pg/mL
	Control 2	90 – 186	pg/mL		Control 2	246 – 512	pg/mL
Eotaxin	Control 1	24 – 49	pg/mL	IL-10	Control 1	44 – 90	pg/mL
	Control 2	118 – 244	pg/mL		Control 2	226 – 469	pg/mL
FGF-2	Control 1	1033 – 2146	pg/mL	IL-2	Control 1	24 – 50	pg/mL
	Control 2	4944 – 10268	pg/mL		Control 2	123 – 256	pg/mL
sCD137	Control 1	18 – 38	pg/mL	IL-15	Control 1	112 – 234	pg/mL
	Control 2	92 – 192	pg/mL		Control 2	581 – 1207	pg/mL
Fractalkine	Control 1	494 – 1026	pg/mL	IL-17A	Control 1	24 – 50	pg/mL
	Control 2	2601 – 5403	pg/mL		Control 2	123 – 255	pg/mL
IFN- $\gamma$	Control 1	27 – 56	pg/mL	IL-6	Control 1	23 – 48	pg/mL
	Control 2	136 – 282	pg/mL		Control 2	118 – 245	pg/mL
IL-16	Control 1	611 – 1270	pg/mL	Granzyme B	Control 1	24 – 57	pg/mL
	Control 2	3142 – 6525	pg/mL		Control 2	130 – 269	pg/mL
sFasL	Control 1	89 – 185	pg/mL	IL-8	Control 1	1.0 – 2.0	pg/mL
	Control 2	457 – 948	pg/mL		Control 2	5.1 – 11	pg/mL
G-CSF	Control 1	96 – 199	pg/mL	IL-1RA	Control 1	88 – 183	pg/mL
	Control 2	489 – 1016	pg/mL		Control 2	465 – 967	pg/mL
GM-CSF	Control 1	22 – 46	pg/mL	IL-1 $\beta$	Control 1	20 – 41	pg/mL
	Control 2	112 – 233	pg/mL		Control 2	96 – 199	pg/mL
IL-1 $\alpha$	Control 1	22 – 46	pg/mL	IL-23	Control 1	408 – 847	pg/mL
	Control 2	119 – 248	pg/mL		Control 2	1977 – 4107	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-6040-2: A6042-105.205 (21 October 2024) EMD Millipore • (800) 645-5476 • (800) 645-5439 (FAX) • [www.millipore.com](http://www.millipore.com)**

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#### 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-6040-2 Lot # A6042-105 and A6042-205

Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
IL-12(p70)	Control 1	270 – 561	pg/mL	IL-7	Control 1	93 – 192	pg/mL
	Control 2	1239 – 2573	pg/mL		Control 2	479 – 995	pg/mL
IL-28A	Control 1	224 – 465	pg/mL	I-TAC	Control 1	18 – 37	pg/mL
	Control 2	1192 – 2476	pg/mL		Control 2	93 – 194	pg/mL
IL-31	Control 1	210 – 436	pg/mL	MIG	Control 1	82 – 171	pg/mL
	Control 2	1084 – 2252	pg/mL		Control 2	436 – 905	pg/mL
IL-33	Control 1	331 – 688	pg/mL	MIP-1 $\alpha$	Control 1	13 – 27	pg/mL
	Control 2	1747 – 3628	pg/mL		Control 2	66 – 138	pg/mL
IL-17E	Control 1	471 – 977	pg/mL	MIP-3 $\alpha$	Control 1	22 – 46	pg/mL
	Control 2	2468 – 5126	pg/mL		Control 2	114 – 236	pg/mL
IL-21	Control 1	77 – 160	pg/mL	MIP-1 $\beta$	Control 1	106 – 221	pg/mL
	Control 2	385 – 801	pg/mL		Control 2	544 – 1130	pg/mL
IL-4	Control 1	230 – 478	pg/mL	TNF $\alpha$	Control 1	55 – 114	pg/mL
	Control 2	1220 – 2534	pg/mL		Control 2	280 – 582	pg/mL
IL-18	Control 1	343 – 713	pg/mL	*RANTES	Control 1	2.0 – 4.1	pg/mL
	Control 2	1754 – 3643	pg/mL		Control 2	10 – 21	pg/mL
IL-22	Control 1	49 – 102	pg/mL	TGF $\alpha$	Control 1	8.5 – 18	pg/mL
	Control 2	254 – 528	pg/mL		Control 2	43 – 90	pg/mL
IL-5	Control 1	58 – 120	pg/mL	VEGF-A	Control 1	45 – 94	pg/mL
	Control 2	299 – 622	pg/mL		Control 2	231 – 480	pg/mL
IP-10	Control 1	24 – 49	pg/mL	TNF $\beta$	Control 1	24 – 49	pg/mL
	Control 2	119 – 246	pg/mL		Control 2	117 – 243	pg/mL
MCP-1	Control 1	62 – 128	pg/mL	Perforin	Control 1	1625 – 3375	pg/mL
	Control 2	296 – 614	pg/mL		Control 2	8534 – 17725	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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