



### 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 # A6041-103 and A6041-203

Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
sCD40L	Control 1	721 - 1498	pg/mL	IL-6	Control 1	25 - 52	pg/mL
	Control 2	3821 - 7935	pg/mL		Control 2	129 - 267	pg/mL
sCD137	Control 1	21 - 43	pg/mL	Granzyme B	Control 1	35 - 73	pg/mL
	Control 2	102 - 211	pg/mL		Control 2	159 - 330	pg/mL
IFN- $\gamma$	Control 1	34 - 71	pg/mL	IL-8	Control 1	1.2 - 2.5	pg/mL
	Control 2	181 - 375	pg/mL		Control 2	6.0 - 13	pg/mL
sFasL	Control 1	103 - 215	pg/mL	IL-1RA	Control 1	100 - 209	pg/mL
	Control 2	518 - 1075	pg/mL		Control 2	525 - 1091	pg/mL
G-CSF	Control 1	105 - 219	pg/mL	IL-1 $\beta$	Control 1	21 - 45	pg/mL
	Control 2	537 - 1116	pg/mL		Control 2	106 - 220	pg/mL
GM-CSF	Control 1	27 - 56	pg/mL	IL-23	Control 1	502 - 1043	pg/mL
	Control 2	129 - 269	pg/mL		Control 2	2319 - 4817	pg/mL
Granzyme A	Control 1	14 - 28	pg/mL	IL-12(p70)	Control 1	302 - 627	pg/mL
	Control 2	67 - 140	pg/mL		Control 2	1394 - 2896	pg/mL
IFN $\alpha$ 2	Control 1	53 - 110	pg/mL	IL-4	Control 1	261 - 541	pg/mL
	Control 2	275 - 572	pg/mL		Control 2	1334 - 2771	pg/mL
IL-10	Control 1	53 - 110	pg/mL	IL-18	Control 1	398 - 827	pg/mL
	Control 2	260 - 540	pg/mL		Control 2	2022 - 4200	pg/mL
IL-2	Control 1	27 - 57	pg/mL	IL-5	Control 1	68 - 142	pg/mL
	Control 2	136 - 283	pg/mL		Control 2	358 - 743	pg/mL
IL-15	Control 1	123 - 256	pg/mL	MCP-1	Control 1	69 - 143	pg/mL
	Control 2	636 - 1320	pg/mL		Control 2	335 - 695	pg/mL
IL-17A	Control 1	26 - 55	pg/mL	IL-7	Control 1	109 - 226	pg/mL
	Control 2	132 - 275	pg/mL		Control 2	528 - 1097	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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Control Catalog # PRCYTA-6040-1 Lot # A6041-103 and A6041-203

<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
MIP-1 $\alpha$	Control 1	15 - 31	pg/mL
	Control 2	73 - 152	pg/mL
MIP-1 $\beta$	Control 1	121 - 250	pg/mL
	Control 2	611 - 1269	pg/mL
TNF $\alpha$	Control 1	57 - 118	pg/mL
	Control 2	295 - 613	pg/mL
*RANTES	Control 1	1.8 - 3.8	pg/mL
	Control 2	9.0 - 19	pg/mL
TGF $\alpha$	Control 1	10 - 21	pg/mL
	Control 2	49 - 101	pg/mL
VEGF-A	Control 1	53 - 110	pg/mL
	Control 2	260 - 540	pg/mL
Perforin	Control 1	1814 - 3767	pg/mL
	Control 2	9422 - 19568	pg/mL

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

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