



QUALITY CONTROL RANGES
Milliplex Canine Cytokine Magnetic Bead Panel
Kit Catalog# CCYTOMAG-90K
Control Catalog # LCC-6090 Lot# CYTO-117 & CYTO-217

Cytokine	QC Level	Expected Range	Units	Cytokine	QC Level	Expected Range	Units
GM-CSF	Control 1	236 – 491	pg/mL	IP-10	Control 1	250 – 520	pg/mL
	Control 2	1251 – 2598	pg/mL		Control 2	1108 – 2301	pg/mL
IFN- γ	Control 1	46 – 104	pg/mL	KC	Control 1	360 – 748	pg/mL
	Control 2	130 – 487	pg/mL		Control 2	1669 – 3466	pg/mL
IL-2	Control 1	230 – 478	pg/mL	IL-10	Control 1	241 – 501	pg/mL
	Control 2	1138 – 2364	pg/mL		Control 2	1160 – 2410	pg/mL
IL-6	Control 1	239 – 497	pg/mL	IL-18	Control 1	247 – 512	pg/mL
	Control 2	1153 – 2395	pg/mL		Control 2	1311 – 2723	pg/mL
IL-7	Control 1	223 – 462	pg/mL	MCP-1	Control 1	223 – 462	pg/mL
	Control 2	1127 – 2341	pg/mL		Control 2	960 – 1993	pg/mL
IL-8	Control 1	212 – 441	pg/mL	TNF- α	Control 1	177 – 369	pg/mL
	Control 2	1008 – 2093	pg/mL		Control 2	900 – 1869	pg/mL
IL-15	Control 1	246 – 511	pg/mL				
	Control 2	1236 - 2568	pg/mL				

Note: The Quality Control Ranges are generated with overnight assay format using serum matrix provided in the kit.
Quality Control values in culture media are not tested.

LCC-6090 CYTO-117.217 (17 September 2024) • EMD Millipore • 1-800-645-5476 • 1-800-645-5439 (FAX) • emdmillipore.com

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