



QUALITY CONTROL RANGES
MILLIPLEX® MAP Feline Cytokine/Chemokine Magnetic Bead Panel
Catalog # FCYTMAG-20K-PMX and FCYTMAG20KPX19BK
Control Catalog # FCY-6020 Lot # FCY-109 and FCY-209

Standard Catalog # FCY-8020
Lot# 8020-9K

Analyte		Standard Value
TNF α		11,300 pg/mL

**Note: The Quality Control Ranges are generated using serum matrix provided in the kit.
Quality Control Ranges in culture media are not tested.**

FCY-6020: FCY-109.209 (01 July 2024)

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<u>Analyte</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>	<u>Analyte</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
FAS	Control 1	95 – 198	pg/mL	IL-6	Control 1	428 – 889	pg/mL
	Control 2	788 – 1638	pg/mL		Control 2	3711 – 7707	pg/mL
Flt-3L	Control 1	42 – 88	pg/mL	IL-8	Control 1	88 – 183	pg/mL
	Control 2	365 – 759	pg/mL		Control 2	757 – 1572	pg/mL
GM-CSF	Control 1	101 – 210	pg/mL	KC	Control 1	19 – 40	pg/mL
	Control 2	826 – 1716	pg/mL		Control 2	174 – 361	pg/mL
IFN γ	Control 1	448 – 1049	pg/mL	SDF-1	Control 1	503 – 1045	pg/mL
	Control 2	4001 – 8726	pg/mL		Control 2	3864 – 8025	pg/mL
IL-1 β	Control 1	219 – 455	pg/mL	RANTES	Control 1	17 – 36	pg/mL
	Control 2	1729 – 3592	pg/mL		Control 2	149 – 310	pg/mL
IL-2	Control 1	96 – 199	pg/mL	SCF	Control 1	456 – 947	pg/mL
	Control 2	843 – 1750	pg/mL		Control 2	3775 – 7840	pg/mL
PDGF-BB	Control 1	1628 – 3381	pg/mL	MCP-1	Control 1	966 – 2005	pg/mL
	Control 2	12900 – 26792	pg/mL		Control 2	7863 – 16331	pg/mL
IL-12 (p40)	Control 1	97 – 202	pg/mL	TNF α	Control 1	91 – 188	pg/mL
	Control 2	791 – 1644	pg/mL		Control 2	807 – 1676	pg/mL
IL-13	Control 1	100 – 207	pg/mL	IL-18	Control 1	844 – 1753	pg/mL
	Control 2	793 – 1646	pg/mL		Control 2	7366 – 15299	pg/mL
IL-4	Control 1	431 – 895	pg/mL				
	Control 2	3556 – 7386	pg/mL				

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