



QUALITY CONTROL RANGES
MILLIPLEX® MAP Feline Cytokine/Chemokine Magnetic Bead Panel
Catalog # FCYTMAG-20K-PMX and FCYTMAG20KPX19BK
Control Catalog # FCY-6020 Lot # FCY-108 and FCY-208

Standard Catalog # FCY-8020
Lot# 8020-8K

Analyte		Standard Value
TNF α		6,700 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-108.208 (17 October 2022)

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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	107 – 222	pg/mL	IL-6	Control 1	468 – 973	pg/mL
	Control 2	855 – 1777	pg/mL		Control 2	3783 – 7857	pg/mL
Flt-3L	Control 1	49 – 101	pg/mL	IL-8	Control 1	101 – 211	pg/mL
	Control 2	386 – 803	pg/mL		Control 2	867 – 1800	pg/mL
GM-CSF	Control 1	111 – 231	pg/mL	KC	Control 1	21 – 44	pg/mL
	Control 2	909 – 1887	pg/mL		Control 2	179 – 371	pg/mL
IFN γ	Control 1	529 – 1098	pg/mL	SDF-1	Control 1	584 – 1212	pg/mL
	Control 2	3777 – 7844	pg/mL		Control 2	3880 – 8058	pg/mL
IL-1 β	Control 1	238 – 495	pg/mL	RANTES	Control 1	21 – 43	pg/mL
	Control 2	1926 – 4000	pg/mL		Control 2	153 – 318	pg/mL
IL-2	Control 1	104 – 216	pg/mL	SCF	Control 1	531 – 1102	pg/mL
	Control 2	892 – 1854	pg/mL		Control 2	3926 – 8153	pg/mL
PDGF-BB	Control 1	1635 – 3397	pg/mL	MCP-1	Control 1	1149 – 2386	pg/mL
	Control 2	12718 – 26415	pg/mL		Control 2	8884 – 18450	pg/mL
IL-12 (p40)	Control 1	106 – 220	pg/mL	TNF α	Control 1	60 – 125	pg/mL
	Control 2	848 – 1760	pg/mL		Control 2	560 – 1163	pg/mL
IL-13	Control 1	109 – 226	pg/mL	IL-18	Control 1	961 – 1997	pg/mL
	Control 2	825 – 1713	pg/mL		Control 2	7785 – 16170	pg/mL
IL-4	Control 1	473 – 983	pg/mL				
	Control 2	3712 – 7709	pg/mL				

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