QUALITY CONTROL RANGES

MILLIPLEX® Equine Cytokine/Chemokine Magnetic Bead Panel

Catalog No EQCYTMAG-93K, EQCYTMG-93KPX23, and EQCTMG93KPX23BK

Control Catalog No EQCYT-6093 Lot No CYT-109-209

Analyte	QC Level	Expected Range	Units
FGF2	Control 1	129 – 268	pg/mL
	Control 2	685 – 1422	pg/mL
Eotaxin	Control 1	51 – 106	pg/mL
	Control 2	254 – 527	pg/mL
G-CSF	Control 1	504 – 1047	pg/mL
	Control 2	2477 – 5146	pg/mL
IL-1a	Control 1	315 – 654	pg/mL
	Control 2	1659 – 3445	pg/mL
GM-CSF	Control 1	29 – 59	pg/mL
	Control 2	145 – 300	pg/mL
Fractalkine	Control 1	4465 – 9274	pg/mL
	Control 2	20756 – 43108	pg/mL
IL-13	Control 1	251 – 521	pg/mL
	Control 2	1238 – 2571	pg/mL
IL-5	Control 1	82 – 170	pg/mL
	Control 2	451 – 936	pg/mL
IL-18	Control 1	232 – 481	pg/mL
	Control 2	1216 – 2525	pg/mL
IL-1b	Control 1	183 – 380	pg/mL
	Control 2	923 – 1917	pg/mL
IL-6	Control 1	91 – 189	pg/mL
	Control 2	461 – 957	pg/mL
IL-17a	Control 1	98 – 203	pg/mL
	Control 2	490 – 1018	pg/mL

Cytokine	QC Level	Expected Range	Units
IL-2	Control 1	93 – 194	pg/mL
	Control 2	470 – 977	pg/mL
IL-4	Control 1	1943 – 4036	pg/mL
	Control 2	9504 – 19740	pg/mL
IL12p70	Control 1	177 – 368	pg/mL
	Control 2	898 – 1865	pg/mL
IFNy	Control 1	2984 – 6197	pg/mL
	Control 2	14605 – 30334	pg/mL
IL-8	Control 1	385 – 799	pg/mL
	Control 2	1942 – 4032	pg/mL
IP-10	Control 1	94 – 194	pg/mL
	Control 2	470 – 976	pg/mL
GRO	Control 1	53 – 110	pg/mL
	Control 2	248 – 514	pg/mL
MCP1	Control 1	2506 – 5204	pg/mL
	Control 2	11868 – 24649	pg/mL
IL-10	Control 1	250 – 519	pg/mL
	Control 2	1367 – 2840	pg/mL
TNFa	Control 1	24 – 50	pg/mL
	Control 2	120 – 250	pg/mL
RANTES	Control 1	34 – 71	pg/mL
	Control 2	166 – 346	pg/mL

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