

## QUALITY CONTROL RANGES

### Milliplex Magnetic High Sensitivity Human Cytokine Catalog # HSCYTMAG-60SK

#### Control Catalog # L-6060SEN

<u>Hormone</u>	<u>QC Level</u>	<u>Lot #</u>	<u>Expected Range</u>	<u>Units</u>
IL-1 $\beta$	Control 1	SEN-111	21 – 43	pg/mL
	Control 2	SEN-211	157 – 327	pg/mL
IL-2	Control 1	SEN-111	25 – 52	pg/mL
	Control 2	SEN-211	189 – 392	pg/mL
IL-4	Control 1	SEN-111	26 – 55	pg/mL
	Control 2	SEN-211	191 – 397	pg/mL
IL-5	Control 1	SEN-111	29 – 60	pg/mL
	Control 2	SEN-211	198 – 411	pg/mL
IL-6	Control 1	SEN-111	23 – 49	pg/mL
	Control 2	SEN-211	179 – 371	pg/mL
IL-7	Control 1	SEN-111	26 – 54	pg/mL
	Control 2	SEN-211	190 – 394	pg/mL
IL-8	Control 1	SEN-111	24 – 49	pg/mL
	Control 2	SEN-211	187 – 389	pg/mL
IL-10	Control 1	SEN-111	23 – 48	pg/mL
	Control 2	SEN-211	183 – 380	pg/mL
IL-12p70	Control 1	SEN-111	25 – 52	pg/mL
	Control 2	SEN-211	199 – 414	pg/mL
IL-13	Control 1	SEN-111	27 – 55	pg/mL
	Control 2	SEN-211	202 – 420	pg/mL
IFN- $\gamma$	Control 1	SEN-111	27 – 55	pg/mL
	Control 2	SEN-211	205 – 425	pg/mL
GM-CSF	Control 1	SEN-111	21 – 44	pg/mL
	Control 2	SEN-211	175 – 364	pg/mL
TNF- $\alpha$	Control 1	SEN-111	23 – 49	pg/mL
	Control 2	SEN-211	184 – 383	pg/mL

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**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.**