



QUALITY CONTROL RANGES
MILLIPLEX[®] MAP Human Bone Magnetic Bead Panel
Catalog # HBNMAG-51K
QC Catalog # HBN-6051, Lot # HBN51-114.214

<u>Analyte</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
ACTH	Control 1	47 – 97	pg/mL
	Control 2	250 – 519	pg/mL
DKK1	Control 1	159 – 330	pg/mL
	Control 2	847 – 1758	pg/mL
IL-6	Control 1	45 – 94	pg/mL
	Control 2	250 – 519	pg/mL
Insulin	Control 1	2018 – 4192	pg/mL
	Control 2	10288 – 21367	pg/mL
Leptin	Control 1	1814 – 3768	pg/mL
	Control 2	9772 – 20295	pg/mL
TNFa	Control 1	7.8 – 16	pg/mL
	Control 2	40 – 84	pg/mL
OPG	Control 1	254 – 527	pg/mL
	Control 2	1282 – 2663	pg/mL
OC	Control 1	4175 – 8672	pg/mL
	Control 2	19149 – 39771	pg/mL
OPN	Control 1	3531 – 7334	pg/mL
	Control 2	17148 – 35615	pg/mL
SOST	Control 1	717 – 1490	pg/mL
	Control 2	4296 – 8922	pg/mL
IL-1B	Control 1	23 – 48	pg/mL
	Control 2	121 – 251	pg/mL
PTH	Control 1	182 – 377	pg/mL
	Control 2	884 – 1835	pg/mL
FGF23	Control 1	280 – 582	pg/mL
	Control 1	1751 – 3636	pg/mL

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

HBN-6051: HBN51-114.214 (05 MAY 2025) • [SigmaAldrich.com/support](https://www.sigmaaldrich.com/support) •
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