



Quality Control Ranges
Human Angiogenesis/ Growth Factor Magnetic Bead Panel 1
Catalog No. HAGP1MAG-12K

Control Catalog No. HAGGFP1-6012-1, Lot No. HAGG1-115 and HAGG1-215

<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>	<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
EGF	Control 1	53 – 110	pg/mL	IL-8	Control 1	25 – 52	pg/mL
	Control 2	216 – 449	pg/mL		Control 2	103 – 213	pg/mL
Angiopoietin-2	Control 1	267 – 554	pg/mL	HGF	Control 1	439 – 912	pg/mL
	Control 2	1048 – 2177	pg/mL		Control 2	1986 – 4125	pg/mL
G-CSF	Control 1	262 – 545	pg/mL	HB-EGF	Control 1	24 – 49	pg/mL
	Control 2	1083 – 2250	pg/mL		Control 2	97 – 201	pg/mL
BMP-9	Control 1	54 – 112	pg/mL	PLGF	Control 1	26 – 54	pg/mL
	Control 2	221 – 458	pg/mL		Control 2	107 – 221	pg/mL
Endoglin	Control 1	524 – 1089	pg/mL	VEGF-C	Control 1	124 – 257	pg/mL
	Control 2	2143 – 4451	pg/mL		Control 2	518 – 1075	pg/mL
Endothelin-1	Control 1	57 – 119	pg/mL	VEGF-D	Control 1	125 – 260	pg/mL
	Control 2	226 – 470	pg/mL		Control 2	537 – 1114	pg/mL
Leptin	Control 1	2700 – 5607	pg/mL	FGF-2	Control 1	243 – 505	pg/mL
	Control 2	10720 – 22264	pg/mL		Control 2	1002 – 2081	pg/mL
FGF-1	Control 1	266 – 553	pg/mL	VEGF-A	Control 1	258 – 536	pg/mL
	Control 2	1056 – 2193	pg/mL		Control 2	1083 – 2249	pg/mL
Follistatin	Control 1	518 – 1077	pg/mL				
	Control 2	2165 – 4497	pg/mL				

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.

HAGGFP1-6012-1: HAGG1-115.215 (20 November 2025) • [SigmaAldrich.com/support](https://sigmaaldrich.com/support) • [SigmaAldrich.com](https://sigmaaldrich.com)

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