



**QUALITY CONTROL RANGES**  
**MILLIPLEX® Human Circulating Cancer Biomarker Panel 1 Magnetic Bead Kit**  
**Catalog# HCCBP1MAG-58K**

**Standard Catalog# HCC-8058 Lot# 858-14K**  
**Control Catalog# HCC-6058 Lot# HCCA-115.215**

Analyte	Standard Value
CA15-3	117 U/mL
CA19-9	2156 U/mL
MIF	21,800 pg/mL
Free PSA	4164 pg/mL
CEA	19,437 pg/mL
CA125	347 U/mL
CYFRA 21-1	94,323 pg/mL

**\*\*Please see reverse side for Quality Control Ranges\*\***

**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.** HCC-6058: Lot HCCA-115.215 (26 December 2024)

• EMD Millipore • 1-800-645-5476 • 1-800-645-5439 (FAX) • [emdmillipore.com](http://emdmillipore.com)

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<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>
AFP	Control 1	637 – 1322	pg/mL	IL-8	Control 1	6.6 – 14	pg/mL
	Control 2	5423 – 11263	pg/mL		Control 2	57 – 118	pg/mL
Total PSA	Control 1	72 – 149	pg/mL	HGF	Control 1	123 – 256	pg/mL
	Control 2	593 – 1231	pg/mL		Control 2	1148 – 2384	pg/mL
CA15-3	Control 1	0.72 – 1.5	U/mL	sFas	Control 1	150 – 311	pg/mL
	Control 2	5.9 – 12	U/mL		Control 2	1295 – 2690	pg/mL
CA19-9	Control 1	16 – 32	U/mL	TNFa	Control 1	6.3 – 13	pg/mL
	Control 2	126 – 261	U/mL		Control 2	55 – 114	pg/mL
MIF	Control 1	396 – 822	pg/mL	Prolactin	Control 1	618 – 1284	pg/mL
	Control 2	1501 – 3117	pg/mL		Control 2	5821 – 12089	pg/mL
TRAIL	Control 1	15 – 30	pg/mL	SCF	Control 1	33 – 68	pg/mL
	Control 2	121 – 250	pg/mL		Control 2	277 – 576	pg/mL
Leptin	Control 1	756 – 1569	pg/mL	CYFRA21-1	Control 1	793 – 1647	pg/mL
	Control 2	6235 – 12950	pg/mL		Control 2	6101 – 12672	pg/mL
Free PSA	Control 1	25 – 51	pg/mL	OPN	Control 1	2938 – 6103	pg/mL
	Control 2	218 – 453	pg/mL		Control 2	21963 – 45616	pg/mL
IL-6	Control 1	3.1 – 6.4	pg/mL	FGF2	Control 1	65 – 135	pg/mL
	Control 2	28 – 57	pg/mL		Control 2	546 – 1133	pg/mL
sFasL	Control 1	70 – 145	pg/mL	β-HCG	Control 1	0.43 – 0.89	mU/mL
	Control 2	589 – 1222	pg/mL		Control 2	4.1 – 8.5	mU/mL
CEA	Control 1	136 – 283	pg/mL	HE4	Control 1	159 – 331	pg/mL
	Control 2	1052 – 2184	pg/mL		Control 2	1399 – 2905	pg/mL
CA125	Control 1	2.4 – 5.0	U/mL	TGFα	Control 1	14 – 28	pg/mL
	Control 2	20 – 42	U/mL		Control 2	115 – 240	pg/mL
				VEGF	Control 1	74 – 155	pg/mL
					Control 2	560 – 1163	pg/mL

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