



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

**Standard Catalog# HCC-8058 Lot# 858-12K**  
**Control Catalog# HCC-6058 Lot# HCCA-112.212**

Analyte	Standard Value
CA15-3	170 U/mL
CA19-9	1868 U/mL
Free PSA	6371 pg/mL
CEA	18556 pg/mL
CA125	480 U/mL
CYFRA 21-1	106520 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-112.212 (24 November 2020)

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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	673 - 1397	pg/mL	IL-8	Control 1	7.0 - 15	pg/mL
	Control 2	5803 - 12052	pg/mL		Control 2	63 - 131	pg/mL
Total PSA	Control 1	72 - 150	pg/mL	HGF	Control 1	139 - 288	pg/mL
	Control 2	623 - 1294	pg/mL		Control 2	1246 - 2589	pg/mL
CA15-3	Control 1	1.1 - 2.3	U/mL	sFas	Control 1	151 - 314	pg/mL
	Control 2	9 - 18	U/mL		Control 2	1422 - 2954	pg/mL
CA19-9	Control 1	12 - 26	U/mL	TNFa	Control 1	6.6 - 14	pg/mL
	Control 2	108 - 224	U/mL		Control 2	60 - 124	pg/mL
MIF	Control 1	319 - 662	pg/mL	Prolactin	Control 1	692 - 1437	pg/mL
	Control 2	1324 - 2750	pg/mL		Control 2	6319 - 13124	pg/mL
TRAIL	Control 1	14 - 29	pg/mL	SCF	Control 1	32 - 67	pg/mL
	Control 2	127 - 264	pg/mL		Control 2	287 - 597	pg/mL
Leptin	Control 1	725 - 1505	pg/mL	CYFRA21-1	Control 1	852 - 1769	pg/mL
	Control 2	6432 - 13359	pg/mL		Control 2	7265 - 15089	pg/mL
Free PSA	Control 1	40 - 84	pg/mL	OPN	Control 1	3202 - 6649	pg/mL
	Control 2	363 - 753	pg/mL		Control 2	26634 - 55318	pg/mL
IL-6	Control 1	3.2 - 6.7	pg/mL	FGF2	Control 1	72 - 151	pg/mL
	Control 2	30 - 62	pg/mL		Control 2	592 - 1230	pg/mL
sFasL	Control 1	65 - 134	pg/mL	β-HCG	Control 1	0.41 - 0.85	mU/mL
	Control 2	571 - 1187	pg/mL		Control 2	4.2 - 8.8	mU/mL
CEA	Control 1	124 - 258	pg/mL	HE4	Control 1	3400 - 7062	pg/mL
	Control 2	1042 - 2165	pg/mL		Control 2	31471 - 65363	pg/mL
CA125	Control 1	3.1 - 6.5	U/mL	TGFα	Control 1	14 - 28	pg/mL
	Control 2	28 - 58	U/mL		Control 2	121 - 252	pg/mL
				VEGF	Control 1	70 - 145	pg/mL
					Control 2	624 - 1295	pg/mL

\*\*Please see reverse side for value assigned standard concentrations\*\*

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