



**QUALITY CONTROL RANGES**  
**MILLIPLEX® MAP Human Cytokine/Chemokine Magnetic Panel II**  
**Catalog# HCYP2MAG-62K, HCP2MAG-62K-PX23, HCP2MAG62KPX23BK**  
**Control Catalog # MXH6062 Lot# HCYP2-115 / HCYP2-215**

<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>	<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
Eotaxin-2	Control 1	101 – 209	pg/mL	TPO	Control 1	443 – 921	pg/mL	ENA-78	Control 1	183 – 381	pg/mL
	Control 2	361 – 749	pg/mL		Control 2	1498 – 3111	pg/mL		Control 2	648 – 1346	pg/mL
MCP-2	Control 1	53 – 111	pg/mL	SCF	Control 1	79 – 164	pg/mL	MIP-1d	Control 1	458 – 952	pg/mL
	Control 2	171 – 356	pg/mL		Control 2	272 – 566	pg/mL		Control 2	1531 – 3181	pg/mL
BCA-1	Control 1	9.2 – 19	pg/mL	TSLP	Control 1	92 – 191	pg/mL	IL-28A	Control 1	92 – 190	pg/mL
	Control 2	32 – 65	pg/mL		Control 2	301 – 625	pg/mL		Control 2	297 – 617	pg/mL
MCP-4	Control 1	96 – 200	pg/mL	IL-33	Control 1	239 – 497	pg/mL				
	Control 2	343 – 712	pg/mL		Control 2	841 – 1748	pg/mL				
I-309	Control 1	17 – 35	pg/mL	IL-20	Control 1	496 – 1030	pg/mL				
	Control 2	59 – 122	pg/mL		Control 2	1727 – 3587	pg/mL				
IL-16	Control 1	79 – 164	pg/mL	IL-21	Control 1	159 – 330	pg/mL				
	Control 2	294 – 611	pg/mL		Control 2	565 – 1174	pg/mL				
TARC	Control 1	9.0 – 19	pg/mL	IL-23	Control 1	461 – 958	pg/mL				
	Control 2	32 – 67	pg/mL		Control 2	1606 – 3335	pg/mL				
6CKINE	Control 1	229 – 476	pg/mL	TRAIL	Control 1	90 – 187	pg/mL				
	Control 2	722 – 1499	pg/mL		Control 2	310 – 644	pg/mL				
Eotaxin-3	Control 1	523 – 1087	pg/mL	CTACK	Control 1	51 – 105	pg/mL				
	Control 2	1182 – 2455	pg/mL		Control 2	179 – 372	pg/mL				
LIF	Control 1	205 – 426	pg/mL	SDF-1α+β	Control 1	1195 – 2481	pg/mL				
	Control 2	737 – 1530	pg/mL		Control 2	3987 – 8280	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.**