

**Quality Control Ranges**  
**MILLIPLEX® MAP Human Immuno-Oncology Checkpoint Protein Panel 2**  
**Kit Catalog# HCKP2-11K**  
**Control Catalog # HCKP2-6011**  
**Lot# HCKP2-101 and HCKP2-201**



	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>		<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
sCD40L	Control 1	41 - 86	pg/mL	CD137	Control 1	38 - 79	pg/mL
	Control 2	114 - 237	pg/mL		Control 2	109 - 227	pg/mL
41BBL	Control 1	812 - 1687	pg/mL	Granzyme B	Control 1	19 - 39	pg/ml
	Control 2	2334 - 4847	pg/mL		Control 2	56 - 117	pg/ml
Arginase-1	Control 1	508 - 1056	pg/mL	CD226	Control 1	2778 - 5769	pg/ml
	Control 2	1522 - 3161	pg/mL		Control 2	9846 - 20449	pg/ml
B7H2	Control 1	227 - 471	pg/mL	CD30	Control 1	451 - 936	pg/ml
	Control 2	666 - 1383	pg/mL		Control 2	1371 - 2847	pg/ml
B7H3	Control 1	3018 - 6269	pg/mL	E-Cadherin	Control 1	6092 - 12653	pg/ml
	Control 2	10735 - 23602	pg/mL		Control 2	18187 - 37772	pg/ml
NT5E	Control 1	364 - 757	pg/mL	FGL1	Control 1	797 - 1655	pg/ml
	Control 2	1062 - 2205	pg/mL		Control 2	2305 - 4787	pg/ml
B7H4	Control 1	6820 - 14164	pg/mL	Galectin-1	Control 1	1093 - 2271	pg/ml
	Control 2	21546 - 44750	pg/mL		Control 2	3224 - 6695	pg/ml
APRIL	Control 1	40 - 82	pg/mL	Galectin-3	Control 1	814 - 1690	pg/ml
	Control 2	125 - 260	pg/mL		Control 2	2362 - 4907	pg/ml
B7H5	Control 1	306 - 635	pg/mL	Granulysin	Control 1	61 - 127	pg/ml
	Control 2	916 - 1901	pg/mL		Control 2	172 - 357	pg/ml
IL-2RA	Control 1	414 - 860	pg/mL	ID01	Control 1	620 - 1288	pg/ml
	Control 2	1292 - 2683	pg/mL		Control 2	1875 - 3894	pg/ml
B7H6	Control 1	105 - 217	pg/mL	MICA	Control 1	215 - 446	pg/ml
	Control 2	324 - 672	pg/mL		Control 2	650 - 1350	pg/ml

\*\*\*Additional Analytes on reverse side\*\*\*

**Note: The Quality Control Ranges are generated with overnight assay format using serum matrix provided in the kit.**  
**HCKP2-6011: HCKP2-101.201 (17 June 2020) EMD Millipore • (800) 645-5476 • (800) 645-5439 (FAX) • [www.millipore.com](http://www.millipore.com)**

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	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
MICB	Control 1	1797 - 3733	pg/ml
	Control 2	5551 - 11528	pg/ml
Nectin-2	Control 1	404 - 838	pg/ml
	Control 2	1234 - 2563	pg/ml
BAFF	Control 1	202 - 420	pg/ml
	Control 2	661 - 1373	pg/ml
Nectin-4	Control 1	313 - 651	pg/ml
	Control 2	969 - 2012	pg/ml
OX40	Control 1	216 - 449	pg/ml
	Control 2	626 - 1300	pg/ml
PVR	Control 1	1563 - 3247	pg/ml
	Control 2	4686 - 9733	pg/ml
Siglec-7	Control 1	62 - 129	pg/ml
	Control 2	185- 385	pg/ml
Siglec-9	Control 1	43 - 90	pg/ml
	Control 2	130 - 271	pg/ml
Perforin	Control 1	389 - 808	pg/ml
	Control 2	1149 - 2386	pg/ml

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