



Quality Control Ranges  
MILLIPLEX® MAP Human Immuno-Oncology Checkpoint Protein Panel 2  
Kit Catalog# HCKP2-11K  
Control Catalog # HCKP2-6011  
Lot# HCKP2-103 and HCKP2-203

	<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	58 - 121	pg/mL	CD137	Control 1	44 - 91	pg/mL
	Control 2	166 - 425	pg/mL		Control 2	129 - 268	pg/mL
41BBL	Control 1	836 - 1737	pg/mL	Granzyme B	Control 1	22 - 47	pg/ml
	Control 2	2448 - 5085	pg/mL		Control 2	66 - 137	pg/ml
Arginase-1	Control 1	518 - 1077	pg/mL	CD226	Control 1	2965 - 6158	pg/ml
	Control 2	1480 - 3073	pg/mL		Control 2	8708 - 18085	pg/ml
B7H2	Control 1	264 - 548	pg/mL	CD30	Control 1	395 - 820	pg/ml
	Control 2	766 - 1590	pg/mL		Control 2	1229 - 2552	pg/ml
B7H3	Control 1	3163 - 6570	pg/mL	E-Cadherin	Control 1	6448 - 13393	pg/ml
	Control 2	8025 - 16668	pg/mL		Control 2	18269 - 37944	pg/ml
NT5E	Control 1	371 - 770	pg/mL	FGL1	Control 1	671 - 1393	pg/ml
	Control 2	1067 - 2217	pg/mL		Control 2	2063 - 4284	pg/ml
B7H4	Control 1	7238 - 15032	pg/mL	Galectin-1	Control 1	1115 - 2317	pg/ml
	Control 2	21324 - 44289	pg/mL		Control 2	3223 - 6695	pg/ml
APRIL	Control 1	49 - 102	pg/mL	Galectin-3	Control 1	741 - 1539	pg/ml
	Control 2	144 - 300	pg/mL		Control 2	2362 - 4906	pg/ml
B7H5	Control 1	339 - 703	pg/mL	Granulysin	Control 1	69 - 144	pg/ml
	Control 2	986 - 2047	pg/mL		Control 2	206 - 427	pg/ml
IL-2RA	Control 1	435 - 903	pg/mL	IDO1	Control 1	652 - 1355	pg/ml
	Control 2	1287 - 2672	pg/mL		Control 2	1926 - 4000	pg/ml
B7H6	Control 1	117 - 244	pg/mL	MICA	Control 1	233 - 484	pg/ml
	Control 2	331 - 688	pg/mL		Control 2	688 - 1429	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: HCKP2-103.203 (27 February 2024) EMD Millipore • (800) 645-5476 • (800) 645-5439 (FAX) • [www.millipore.com](http://www.millipore.com)



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MICB	Control 1	1994 - 4141	pg/ml
	Control 2	5746 - 11933	pg/ml
Nectin-2	Control 1	413 - 857	pg/ml
	Control 2	1245 - 2585	pg/ml
BAFF	Control 1	232 - 481	pg/ml
	Control 2	658 - 1366	pg/ml
Nectin-4	Control 1	376 - 782	pg/ml
	Control 2	1022 - 2123	pg/ml
OX40	Control 1	221 - 458	pg/ml
	Control 2	643 - 1336	pg/ml
PVR	Control 1	1770 - 3676	pg/ml
	Control 2	5055 - 10499	pg/ml
Siglec-7	Control 1	70 - 146	pg/ml
	Control 2	207 - 429	pg/ml
Siglec-9	Control 1	46 - 95	pg/ml
	Control 2	134 - 279	pg/ml
Perforin	Control 1	371 - 770	pg/ml
	Control 2	1128 - 2343	pg/ml

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

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