



**Quality Control Ranges**  
**MILLIPLEX® MAP Human Immuno-Oncology Checkpoint Protein Panel 2**  
**Kit Catalog# HCKP2-11K**  
**Control Catalog # HCKP2-6011**  
**Lot# HCKP2-104 and HCKP2-204**

	<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	50 - 104	pg/mL	CD137	Control 1	40 - 83	pg/mL
	Control 2	149 - 310	pg/mL		Control 2	119 - 247	pg/mL
41BBL	Control 1	741 - 1540	pg/mL	Granzyme B	Control 1	20 - 42	pg/ml
	Control 2	2266 - 4706	pg/mL		Control 2	61 - 126	pg/ml
Arginase-1	Control 1	467 - 970	pg/mL	CD226	Control 1	2819 - 5855	pg/ml
	Control 2	1404 - 2916	pg/mL		Control 2	8524 - 17704	pg/ml
B7H2	Control 1	234 - 486	pg/mL	CD30	Control 1	360 - 748	pg/ml
	Control 2	713 - 1482	pg/mL		Control 2	1098 - 2281	pg/ml
B7H3	Control 1	3069 - 6375	pg/mL	E-Cadherin	Control 1	5661 - 11758	pg/ml
	Control 2	7779 - 16156	pg/mL		Control 2	17026 - 35361	pg/ml
NT5E	Control 1	306 - 636	pg/mL	FGL1	Control 1	609 - 1265	pg/ml
	Control 2	965 - 2003	pg/mL		Control 2	1940 - 4030	pg/ml
B7H4	Control 1	6642 - 13794	pg/mL	Galectin-1	Control 1	996 - 2068	pg/ml
	Control 2	20170 - 41891	pg/mL		Control 2	2970 - 6167	pg/ml
APRIL	Control 1	44 - 90	pg/mL	Galectin-3	Control 1	706 - 1467	pg/ml
	Control 2	134 - 277	pg/mL		Control 2	2239 - 4650	pg/ml
B7H5	Control 1	296 - 615	pg/mL	Granulysin	Control 1	62 - 129	pg/ml
	Control 2	893 - 1855	pg/mL		Control 2	187 - 388	pg/ml
IL-2RA	Control 1	398 - 826	pg/mL	IDO1	Control 1	590 - 1226	pg/ml
	Control 2	1229 - 2552	pg/mL		Control 2	1833 - 3807	pg/ml
B7H6	Control 1	99 - 206	pg/mL	MICA	Control 1	213 - 443	pg/ml
	Control 2	295 - 612	pg/mL		Control 2	650 - 1349	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: HCKP2-104.204 (02 August 2024) 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	1777 - 3691	pg/ml
	Control 2	5317 - 11043	pg/ml
Nectin-2	Control 1	380 - 788	pg/ml
	Control 2	1180 - 2450	pg/ml
BAFF	Control 1	205 - 425	pg/ml
	Control 2	618 - 1284	pg/ml
Nectin-4	Control 1	359 - 746	pg/ml
	Control 2	1025 - 2129	pg/ml
OX40	Control 1	201 - 418	pg/ml
	Control 2	609 - 1266	pg/ml
PVR	Control 1	1606 - 3335	pg/ml
	Control 2	4733 - 9831	pg/ml
Siglec-7	Control 1	64 - 133	pg/ml
	Control 2	199 - 412	pg/ml
Siglec-9	Control 1	41 - 85	pg/ml
	Control 2	124 - 258	pg/ml
Perforin	Control 1	345 - 717	pg/ml
	Control 2	1101 - 2287	pg/ml

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