



**Quality Control Ranges**  
**MILLIPLEX® MAP Human Immuno-Oncology Checkpoint Protein Panel 2**  
**Kit Catalog# HCKP2-11K**  
**Control Catalog # HCKP2-6011**  
**Lot# HCKP2-105 and HCKP2-205**

	<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	47 - 98	pg/mL	CD137	Control 1	38 - 79	pg/mL
	Control 2	146 - 302	pg/mL		Control 2	114 - 237	pg/mL
41BBL	Control 1	721 - 1498	pg/mL	Granzyme B	Control 1	19 - 39	pg/ml
	Control 2	2198 - 4564	pg/mL		Control 2	57 - 119	pg/ml
Arginase-1	Control 1	430 - 893	pg/mL	CD226	Control 1	2680 - 5567	pg/ml
	Control 2	1297 - 2695	pg/mL		Control 2	8191 - 17011	pg/ml
B7H2	Control 1	211 - 439	pg/mL	CD30	Control 1	395 - 821	pg/ml
	Control 2	646 - 1343	pg/mL		Control 2	1198 - 2489	pg/ml
B7H3	Control 1	2872 - 5965	pg/mL	E-Cadherin	Control 1	5636 - 11706	pg/ml
	Control 2	6637 - 13784	pg/mL		Control 2	16033 - 33300	pg/ml
NT5E	Control 1	308 - 641	pg/mL	FGL1	Control 1	637 - 1323	pg/ml
	Control 2	882 - 1833	pg/mL		Control 2	1900 - 3947	pg/ml
B7H4	Control 1	6310 - 13105	pg/mL	Galectin-1	Control 1	959 - 1992	pg/ml
	Control 2	19327 - 40140	pg/mL		Control 2	2877 - 5975	pg/ml
APRIL	Control 1	42 - 88	pg/mL	Galectin-3	Control 1	708 - 1471	pg/ml
	Control 2	128 - 266	pg/mL		Control 2	2238 - 4647	pg/ml
B7H5	Control 1	294 - 611	pg/mL	Granulysin	Control 1	59 - 122	pg/ml
	Control 2	877 - 1821	pg/mL		Control 2	178 - 369	pg/ml
IL-2RA	Control 1	382 - 793	pg/mL	ID01	Control 1	577 - 1199	pg/ml
	Control 2	1179 - 2450	pg/mL		Control 2	1729 - 3591	pg/ml
B7H6	Control 1	97 - 202	pg/mL	MICA	Control 1	205 - 426	pg/ml
	Control 2	287 - 596	pg/mL		Control 2	610 - 1268	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: HCKP2-105.205 (19 December 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	1752 - 3638	pg/ml
	Control 2	5158 - 10712	pg/ml
Nectin-2	Control 1	360 - 748	pg/ml
	Control 2	1111 - 2308	pg/ml
BAFF	Control 1	204 - 425	pg/ml
	Control 2	594 - 1235	pg/ml
Nectin-4	Control 1	340 - 707	pg/ml
	Control 2	978 - 2032	pg/ml
OX40	Control 1	191 - 397	pg/ml
	Control 2	575 - 1194	pg/ml
PVR	Control 1	1525 - 3168	pg/ml
	Control 2	4466 - 9275	pg/ml
Siglec-7	Control 1	61 - 127	pg/ml
	Control 2	190 - 394	pg/ml
Siglec-9	Control 1	40 - 83	pg/ml
	Control 2	119 - 247	pg/ml
Perforin	Control 1	329 - 684	pg/ml
	Control 2	1036 - 2153	pg/ml

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