

Quality Control Ranges
Mouse Immuno-Oncology Checkpoint Protein Panel 1
Catalog# MCKP1-110K, MCKP1-110K-PX28, MCKP1-110K-PBK28
Control Catalog # MCKP1-6110 Lot # MCKP1-101 and MCKP1-201

Analyte	QC Level	Expected Range	Units	Analyte	QC Level	Expected Range	Units
CD137	Control 1	55 - 114	pg/mL	GITR	Control 1	324 - 674	pg/mL
	Control 2	242 - 502	pg/mL		Control 2	1362 - 2828	pg/mL
HVEM	Control 1	11 - 22	pg/mL	B7-H2/ICOSL	Control 1	217 - 451	pg/ml
	Control 2	44 - 92	pg/mL		Control 2	913 - 1897	pg/ml
BTLA	Control 1	141 - 294	pg/mL	B7-H3/CD276	Control 1	25 - 52	pg/ml
	Control 2	614 - 1276	pg/mL		Control 2	105 - 217	pg/ml
TIM-3	Control 1	43 - 88	pg/mL	CD25/IL-2R α	Control 1	19 - 40	pg/ml
	Control 2	179 - 372	pg/mL		Control 2	83 - 172	pg/ml
Granzyme B	Control 1	88 - 184	pg/mL	IL-10	Control 1	93 - 192	pg/ml
	Control 2	369 - 766	pg/mL		Control 2	375 - 779	pg/ml
IFN γ	Control 1	19 - 39	pg/mL	BCA-1/CXCL-13	Control 1	171 - 354	pg/ml
	Control 2	72 - 149	pg/mL		Control 2	747 - 1551	pg/ml
LAG-3	Control 1	3240 - 6729	pg/mL	CD27	Control 1	464 - 964	pg/ml
	Control 2	13982 - 29039	pg/mL		Control 2	1939 - 4027	pg/ml
PD-1	Control 1	447 - 928	pg/mL	CD40	Control 1	106 - 221	pg/ml
	Control 2	1870 - 3883	pg/mL		Control 2	455 - 945	pg/ml
PD-L1	Control 1	106 - 221	pg/mL	CD80/B7-1	Control 1	292 - 607	pg/ml
	Control 2	448 - 931	pg/mL		Control 2	1184 - 2458	pg/ml
PD-L2	Control 1	52 - 108	pg/mL	CD226/DNAM-1	Control 1	120 - 249	pg/ml
	Control 2	221 - 458	pg/mL		Control 2	502 - 1042	pg/ml
CTLA-4/CD152	Control 1	57 - 117	pg/mL	4-1BBL/TNF SF9	Control 1	99 - 205	pg/ml
	Control 2	222 - 461	pg/mL		Control 2	426 - 885	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.
MCKP1-6110: MCKP1-101.201 (25 October 2021) EMD Millipore • (800) 645-5476 • (800) 645-5439 (FAX) • www.millipore.com

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<u>Cytokine</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
TLR-2	Control1	3238 - 6725	pg/ml
	Control 2	13601 - 28249	pg/ml
Galectin-1	Control1	39 - 81	pg/ml
	Control 2	170 - 352	pg/ml
Galectin-3	Control1	297 - 616	pg/ml
	Control 2	1233 - 2561	pg/ml
5'-NT/CD73	Control1	1105 - 2296	pg/ml
	Control 2	4108 - 8532	pg/ml
E-Cadherin	Control1	2594 - 5388	pg/ml
	Control 2	11004 - 22855	pg/ml
TNF α	Control1	31 - 65	pg/ml
	Control 2	140 - 290	pg/ml

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