



Quality Control Ranges
Mouse Immuno-Oncology Checkpoint Protein Panel 1
Catalog# MCKP1-110K, MCKP1-110K-PX28, MCKP1-110K-PBK28
Control Catalog # MCKP1-6110 Lot # MCKP1-102 and MCKP1-202

<u>Analyte</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>	<u>Analyte</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
CD137	Control 1	125 - 260	pg/mL	GITR	Control 1	342 - 711	pg/mL
	Control 2	437 - 907	pg/mL		Control 2	1344 - 2792	pg/mL
HVEM	Control 1	11 - 24	pg/mL	B7-H2/ICOSL	Control1	244 - 508	pg/ml
	Control 2	46 - 95	pg/mL		Control 2	899 - 1866	pg/ml
BTLA	Control 1	162 - 336	pg/mL	B7-H3/CD276	Control1	28 - 58	pg/ml
	Control 2	632 - 1312	pg/mL		Control 2	111 - 232	pg/ml
TIM-3	Control 1	46 - 95	pg/mL	CD25/IL-2R α	Control1	21 - 44	pg/ml
	Control 2	185 - 383	pg/mL		Control 2	83 - 172	pg/ml
Granzyme B	Control 1	99 - 205	pg/mL	IL-10	Control1	89 - 186	pg/ml
	Control 2	366 - 761	pg/mL		Control 2	355 - 737	pg/ml
IFN γ	Control 1	17 - 35	pg/mL	BCA-1/CXCL-13	Control1	231 - 479	pg/ml
	Control 2	66 - 137	pg/mL		Control 2	870 - 1806	pg/ml
LAG-3	Control 1	3505 - 7279	pg/mL	CD27	Control1	441 - 916	pg/ml
	Control 2	13918 - 28906	pg/mL		Control 2	1718 - 3567	pg/ml
PD-1	Control 1	458 - 951	pg/mL	CD40	Control1	114 - 237	pg/ml
	Control 2	1784 - 3704	pg/mL		Control 2	441 - 916	pg/ml
PD-L1	Control 1	99 - 206	pg/mL	CD80/B7-1	Control1	292 - 606	pg/ml
	Control 2	412 - 855	pg/mL		Control 2	1137 - 2361	pg/ml
PD-L2	Control 1	56 - 116	pg/mL	CD226/DNAM-1	Control1	122 - 254	pg/ml
	Control 2	217 - 451	pg/mL		Control 2	490 - 1017	pg/ml
CTLA-4/CD152	Control 1	57 - 118	pg/mL	4-1BBL/TNF SF9	Control1	127 - 264	pg/ml
	Control 2	201 - 418	pg/mL		Control 2	476 - 989	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: MCKP1-102.202 (13 September 2023) 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	3507 - 7284	pg/ml
	Control 2	13800 - 28661	pg/ml
Galectin-1	Control1	36 - 75	pg/ml
	Control 2	134 - 279	pg/ml
Galectin-3	Control1	325 - 676	pg/ml
	Control 2	1248 - 2591	pg/ml
5'-NT/CD73	Control1	1137 - 2361	pg/ml
	Control 2	4170 - 8660	pg/ml
E-Cadherin	Control1	2889 - 6001	pg/ml
	Control 2	11149 - 23157	pg/ml
TNF α	Control1	34 - 70	pg/ml
	Control 2	135 - 280	pg/ml

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