



Quality Control Ranges  
MILLIPLEX® Rat Kidney Toxicity Magnetic Bead Panel 1  
Catalog No. RKT<sub>X</sub>1MAG-37K  
Control Catalog No. RKT<sub>X</sub>MG1-6037-1  
Lot: RKT<sub>X</sub>1-113 and RKT<sub>X</sub>1-213

<u>Analyte</u>	<u>QC Level</u>	<u>Expected Range</u>	<u>Units</u>
Clusterin	Control I	42 – 87	ng/mL
	Control II	209 – 433	ng/mL
GST $\alpha$	Control I	86 – 178	ng/mL
	Control II	436 – 905	ng/mL
IP-10	Control I	0.57 – 1.2	ng/mL
	Control II	2.2 – 4.5	ng/mL
KIM-1	Control I	0.50 – 1.0	ng/mL
	Control II	2.6 – 5.3	ng/mL
OPN	Control I	0.52 – 1.1	ng/mL
	Control II	2.6 – 5.4	ng/mL
TIMP-1	Control I	5.9 – 12	ng/mL
	Control II	28 – 59	ng/mL
VEGF	Control I	0.54 – 1.1	ng/mL
	Control II	2.6 – 5.5	ng/mL

**Note: The Quality Control Ranges are generated with overnight assay format using serum matrix provided in the kit.**  
**RKT<sub>X</sub>MG1-6037-1: RKT<sub>X</sub>1-113.213 (04 August 2025) • SigmaAldrich.com/support**  
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