

Rat Organic Cation Transporter-3 ELISA Kit | SLC22A3 elisa kit

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CATALOG #
AAA122922

REACTIVITY
Rat

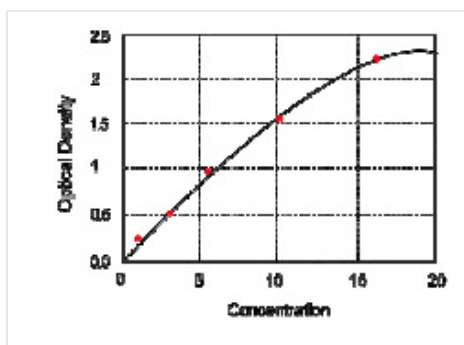
PRODUCT SYNONYMS

Organic Cation Transporter-3; Rat Organic Cation Transporter-3 ELISA Kit; SLC22A3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	44
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L-6000ng/L
Sensitivity	12.36ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC22A3 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Organic Cation Transporter-1 (also known as OCT-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat OCT-1 antibody. OCT-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat OCT-1 Antibody is added and binds to OCT-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated OCT-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat OCT-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4454793
NCBI GeneID	6581
NCBI Official Full Name	organic cation transporter 3, partial
NCBI Official Synonym Full Names	solute carrier family 22 member 3
NCBI Official Symbol	SLC22A3
NCBI Official Synonym Symbols	EMT; EMTH; OCT3
NCBI Protein Information	solute carrier family 22 member 3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/organic-cation-transporter-3/122922>