

Rat Solute Carrier Family 22 Member 2 ELISA Kit | SLC22A2 elisa kit

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CATALOG #
AAA122950

REACTIVITY
Rat

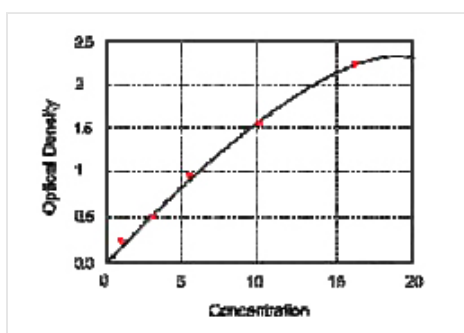
PRODUCT SYNONYMS

Solute Carrier Family 22 Member 2; Rat Solute Carrier Family 22 Member 2 ELISA Kit; SLC22A2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	555
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L-6000ng/L
Sensitivity	11.39ng/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 SLC22A2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Solute Carrier Family 22 Member 1 (also known as SLC22A1/OCT1) 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 SLC22A1/OCT1 antibody. SLC22A1/OCT1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat SLC22A1/OCT1 Antibody is added and binds to SLC22A1/OCT1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SLC22A1/OCT1 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 SLC22A1/OCT1. 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 #	302148518
NCBI GeneID	6582
NCBI Accession #	NP_003049.2
NCBI GenBank Nucleotide #	NM_003058.4
UniProt Accession #	O15244
NCBI Official Full Name	solute carrier family 22 member 2
NCBI Official Synonym Full Names	solute carrier family 22 member 2
NCBI Official Symbol	SLC22A2
NCBI Official Synonym Symbols	OCT2
NCBI Protein Information	solute carrier family 22 member 2
UniProt Protein Name	Solute carrier family 22 member 2
UniProt Gene Name	SLC22A2
UniProt Synonym Gene Names	OCT2; hOCT2
UniProt Entry Name	S22A2_HUMAN

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.