

Rat Organic Cation Transporter-1 ELISA Kit | oct-1 elisa kit

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CATALOG #
AAA122923

REACTIVITY
Rat

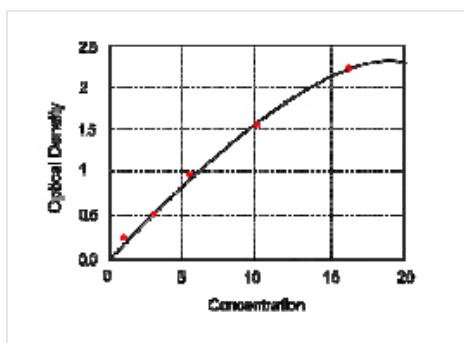
PRODUCT SYNONYMS

Organic Cation Transporter-1; Rat Organic Cation Transporter-1 ELISA Kit; oct-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	585
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	3ng/L-700ng/L
Sensitivity	1.17ng/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 oct-1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Orexin B (also known as OX-B) 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 OX-B antibody. OX-B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat OX-B Antibody is added and binds to OX-B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated OX-B 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 OX-B. 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 #	193202825
NCBI GeneID	172841
NCBI Accession #	NP_492617.4
NCBI GenBank Nucleotide #	NM_060216.5
UniProt Accession #	Q9U539
NCBI Official Full Name	Organic cation transporter 1
NCBI Official Symbol	oct-1
NCBI Protein Information	Organic cation transporter 1
UniProt Protein Name	Organic cation transporter 1
UniProt Gene Name	oct-1

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.