

Mouse Slc22a7 (Solute carrier family 22 member 7) ELISA Kit | Slc22a7 elisa kit

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CATALOG #
AAA249951

REACTIVITY
Mouse

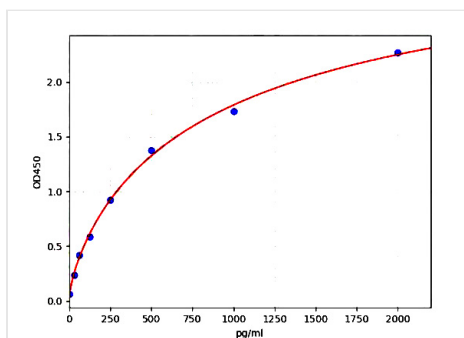
PRODUCT SYNONYMS

Slc22a7 (Solute carrier family 22 member 7); Mouse Slc22a7 (Solute carrier family 22 member 7) ELISA Kit; Solute carrier family 22 member 7; Organic anion transporter 2; mOAT2; Oat2; Slc22a7; Slc22a7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Slc22a7. No significant cross-reactivity or interference between Slc22a7 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Slc22a7 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	254939683
NCBI GeneID	108114
NCBI Accession #	NP_659105.2
NCBI GenBank Nucleotide #	NM_144856.2
UniProt Accession #	Q91WU2; Q3UNX2; Q8BUQ9; Q8K4S9; Q8R0M7; Q8R125
Molecular Weight	59,614 Da
NCBI Official Full Name	solute carrier family 22 member 7
NCBI Official Synonym Full Names	solute carrier family 22 (organic anion transporter), member 7
NCBI Official Symbol	Slc22a7
NCBI Official Synonym Symbols	NLT; OAT2
NCBI Protein Information	solute carrier family 22 member 7; mOAT2; organic anion transporter 2
UniProt Protein Name	Solute carrier family 22 member 7
UniProt Gene Name	Slc22a7
UniProt Synonym Gene Names	Oat2; mOAT2
UniProt Entry Name	S22A7_MOUSE

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/mouse-elisa-kits/slc22a7-solute-carrier-family-22-member-7/249951>