

Mouse Slc22a12 (Solute carrier family 22 member 12) ELISA Kit | Slc22a12 elisa kit

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CATALOG #
AAA249776

REACTIVITY
Mouse

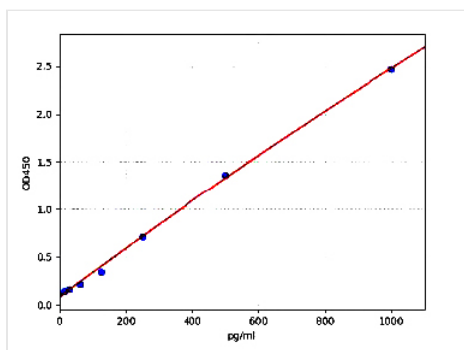
PRODUCT SYNONYMS

Slc22a12 (Solute carrier family 22 member 12); Mouse Slc22a12 (Solute carrier family 22 member 12) ELISA Kit; Solute carrier family 22 member 12; Renal-specific transporter; RST; Urate anion exchanger 1; Slc22a12; Urat1; Slc22a12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Slc22a12. No significant cross-reactivity or interference between Slc22a12 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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 Slc22a12 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 #	165377219
NCBI GeneID	20521
NCBI Accession #	NP_033229.3
NCBI GenBank Nucleotide #	NM_009203.3
UniProt Accession #	Q8CFZ5; O54778
Molecular Weight	60,194 Da
NCBI Official Full Name	solute carrier family 22 member 12
NCBI Official Synonym Full Names	solute carrier family 22 (organic anion/cation transporter), member 12
NCBI Official Symbol	Slc22a12
NCBI Official Synonym Symbols	Rst; OAT4L; URAT1; AI987855; Slc22a2
NCBI Protein Information	solute carrier family 22 member 12; urate anion exchanger 1; renal-specific transporter; solute carrier family 22 (organic cation transporter)-like 2
UniProt Protein Name	Solute carrier family 22 member 12
UniProt Gene Name	Slc22a12
UniProt Synonym Gene Names	Urat1; RST
UniProt Entry Name	S22AC_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/slc22a12-solute-carrier-family-22-member-12/249776>