Rat Slco1a3 (Solute carrier organic anion transporter family member 1A3) ELISA Kit | Slco1a3 elisa kit

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CATALOG #	REACTIVITY
AAA250056	**Rat**

PRODUCT SYNONYMS

Slco1a3 (Solute carrier organic anion transporter family member 1A3); Rat Slco1a3 (Solute carrier organic anion transporter family member 1A3) ELISA Kit; Solute carrier organic anion transporter family member 1A3; OAT-K2; Sodium-independent organic anion transporter K1; OAT-K1; Solute carrier family 21 member 4; rOAT-K; Slco1a3; Oatp1a3; Slc21a4; Slco1a3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Slco1a3. No significant cross-reactivity or interference between Slco1a3 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
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 Slco1a3 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.

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P70502
UniProt Protein Name	Solute carrier organic anion transporter family member 1A3
UniProt Gene Name	**Slco1a3**
UniProt Synonym Gene Names	Oatp1a3; Slc21a4
UniProt Entry Name	SO1A3_RAT

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/slco1a3-solute-carrier-organic-anion-transporter-family-member-1a3/250056