

Rat Zinc transporter 1 ELISA Kit | Slc30a1 elisa kit

Rat Zinc transporter 1 ELISA Kit

CATALOG #
AAA100045

REACTIVITY
Rat

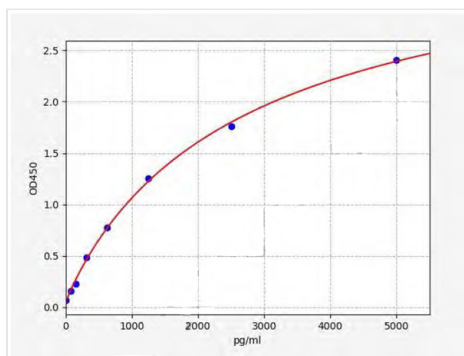
PRODUCT SYNONYMS

Zinc transporter 1; Rat Zinc transporter 1 ELISA Kit; Slc30a1/ZnT-1/Solute carrier family 30 member 1; Slc30a1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Slc30a1. No significant cross-reactivity or interference between Slc30a1 and analogues was observed.
Sequence Length	507
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 Slc30a1 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

NCBI GI #	52352803
NCBI GeneID	7779
NCBI Accession #	NP_067017.2
NCBI GenBank Nucleotide #	NM_021194.2
Molecular Weight	55,300 Da
NCBI Official Full Name	zinc transporter 1
NCBI Official Synonym Full Names	solute carrier family 30 member 1
NCBI Official Symbol	SLC30A1
NCBI Official Synonym Symbols	ZNT1; ZRC1
NCBI Protein Information	zinc transporter 1
UniProt Protein Name	Zinc transporter 1
UniProt Gene Name	SLC30A1
UniProt Synonym Gene Names	ZNT1; ZnT-1
UniProt Entry Name	ZNT1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/slc30a1-rat-elisa-kits/zinc-transporter-1/100045>