

Mouse Zinc transporter 3 ELISA Kit | Slc30a3 elisa kit

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CATALOG #
AAA310102

REACTIVITY
Mouse

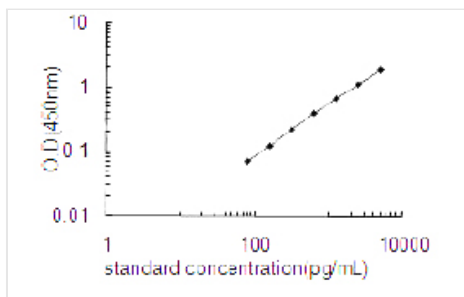
PRODUCT SYNONYMS

Zinc transporter 3; Mouse Zinc transporter 3 ELISA Kit; ZnT-3; Solute carrier family 30 member 3; Slc30a3; Znt3; Slc30a3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse ZnT-3. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	78.0 pg/mL -5000 pg/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Slc30a3 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse zinc transporter 3, ZnT-3 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ZnT-3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for ZnT-3 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain ZnT-3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of ZnT-3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

194272146

NCBI GeneID	22784
NCBI Accession #	NP_035903.2
NCBI GenBank Nucleotide #	NM_011773.3
UniProt Accession #	P97441; P97511
Molecular Weight	41,824 Da
NCBI Official Full Name	zinc transporter 3 isoform 1
NCBI Official Synonym Full Names	solute carrier family 30 (zinc transporter), member 3
NCBI Official Symbol	Slc30a3
NCBI Official Synonym Symbols	Znt3
NCBI Protein Information	zinc transporter 3
UniProt Protein Name	Zinc transporter 3
UniProt Gene Name	Slc30a3
UniProt Synonym Gene Names	Znt3; ZnT-3

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/slc30a3-mouse-elisa-kits/zinc-transporter-3/310102>