

Human Zinc transporter 3 ELISA Kit | SLC30A3 elisa kit

Human Zinc transporter 3 ELISA Kit

CATALOG #
AAA98513

REACTIVITY
Human

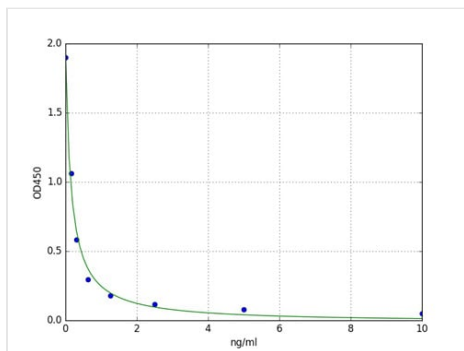
PRODUCT SYNONYMS

Zinc transporter 3; Human Zinc transporter 3 ELISA Kit; SLC30A3/Zinc transporter 3/ZnT-3/Solute carrier family 30 member 3; SLC30A3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	375
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human SLC30A3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	156	312.5	625	1250	2500	5000	10000
Y	OD450	2.442	1.96	1.686	1.288	0.907	0.643	0.425	0.348

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC30A3 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human SLC30A3. During the reaction, Human SLC30A3 in the sample or standard competes with a fixed amount of biotin-labeled Human SLC30A3 for sites on a pre-coated Monoclonal antibody specific to Human SLC30A3. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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. The concentration of Human SLC30A3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	974576742
NCBI GeneID	7781
NCBI Accession #	NP_001305879.1
NCBI GenBank Nucleotide #	NM_001318950.1
Molecular Weight	41,945 Da
NCBI Official Full Name	zinc transporter 3 isoform c
NCBI Official Synonym Full Names	solute carrier family 30 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
UniProt Entry Name	ZNT3_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/slc30a3-human-elisa-kits/zinc-transporter-3/98513>