

Human solute carrier family 30 (zinc transporter) , member 8 ELISA Kit | SLC30A8 elisa kit

Human Zinc transporter 8, SLC30A8 ELISA Kit

CATALOG #
AAA113108

REACTIVITY
Human

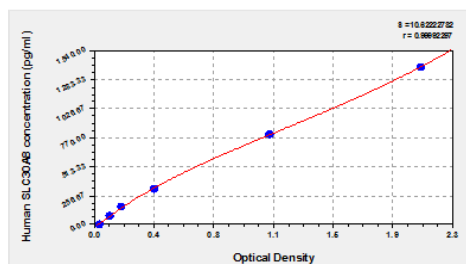
PRODUCT SYNONYMS

solute carrier family 30 (zinc transporter); member 8; Human Zinc transporter 8; SLC30A8 ELISA Kit; Human Zinc transporter 8 (SLC30A8) ELISA kit; ZNT8; ZnT-8; solute carrier family 30 member 8; zinc transporter ZnT-8; SLC30A8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SLC30A8. No significant cross-reactivity or interference between human SLC30A8 and analogues was observed.
Sequence Length	320
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	80 pg/ml -1400 pg/ml.
Sensitivity	The minimum detectable dose of human SLC30A8 is typically less than 50 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest human SLC30A8 concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC30A8 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SLC30A8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for SLC30A8. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SLC30A8 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289803003
NCBI GeneID	169026
NCBI Accession #	NP_001166282.1
NCBI GenBank Nucleotide #	NM_001172811.1
UniProt Accession #	Q8IWU4; Q8TCL3; A0AVP9; A5YM39; B4DPE0
Molecular Weight	40,755 Da
NCBI Official Full Name	zinc transporter 8 isoform b
NCBI Official Synonym Full Names	solute carrier family 30 (zinc transporter), member 8
NCBI Official Symbol	SLC30A8
NCBI Official Synonym Symbols	ZNT8; ZnT-8
NCBI Protein Information	zinc transporter 8; zinc transporter ZnT-8
UniProt Protein Name	Zinc transporter 8
UniProt Gene Name	SLC30A8
UniProt Synonym Gene Names	ZNT8; ZnT-8
UniProt Entry Name	ZNT8_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.