

Human Solute Carrier Family 30 Member 8 Antibody (Anti-SLC30A8) ELISA Kit | Anti-SLC30A8 elisa kit

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CATALOG #
AAA149152

REACTIVITY
Human

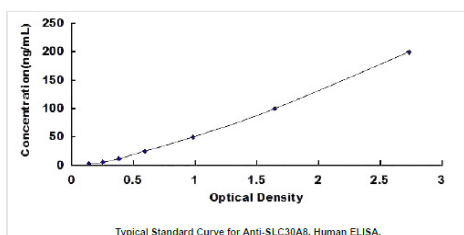
PRODUCT SYNONYMS

Solute Carrier Family 30 Member 8 Antibody (Anti-SLC30A8); Human Solute Carrier Family 30 Member 8 Antibody (Anti-SLC30A8) ELISA Kit; ZNT8; Zinc Transporter 8; Anti-SLC30A8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-S100B. No significant cross-reactivity or interference between Anti-S100B and analogues was observed.
Sequence Length	320
Assay Type	Competitive Inhibition
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	1.27ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-S100B were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-S100B were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Anti-SLC30A8 elisa kit	Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of Anti-S100B in human serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with S100B. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-S100B will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Anti-S100B in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for Anti-SLC30A8 elisa kit	Signal Transduction

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	35,053 Da
NCBI Official Full Name	zinc transporter 8 isoform b
NCBI Official Synonym Full Names	solute carrier family 30 member 8
NCBI Official Symbol	SLC30A8
NCBI Official Synonym Symbols	ZNT8; ZnT-8
NCBI Protein Information	zinc transporter 8
UniProt Protein Name	Zinc transporter 8
UniProt Gene Name	SLC30A8
UniProt Synonym Gene Names	ZNT8; ZnT-8

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/human-elisa-kits/solute-carrier-family-30-member-8-antibody-anti-slc30a8/149152>