

Human Zinc Transporter ZIP14 ELISA Kit | SLC39A14 elisa kit

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CATALOG #
AAA122984

REACTIVITY
Human

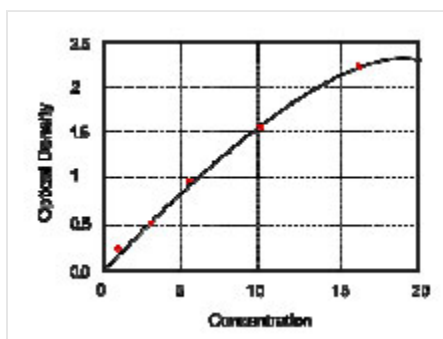
PRODUCT SYNONYMS

Zinc Transporter ZIP14; Human Zinc Transporter ZIP14 ELISA Kit; SLC39A14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	492
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 6000ng/L
Sensitivity	9.88ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC39A14 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Zinc Transporter ZIP14 (also known as ZIP14/Slc39a14) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ZIP14/Slc39a14 antibody. ZIP14/Slc39a14 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ZIP14/Slc39a14 Antibody is added and binds to ZIP14/Slc39a14 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ZIP14/Slc39a14 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human ZIP14/Slc39a14. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190360568
NCBI GeneID	23516
NCBI Accession #	NP_001121903.1
NCBI GenBank Nucleotide #	NM_001128431.4
UniProt Accession #	Q15043
NCBI Official Full Name	zinc transporter ZIP14 isoform a
NCBI Official Synonym Full Names	solute carrier family 39 member 14
NCBI Official Symbol	SLC39A14
NCBI Official Synonym Symbols	HCIN; NET34; ZIP14; cig19; HMNDYT2; LZT-Hs4
NCBI Protein Information	zinc transporter ZIP14
UniProt Protein Name	Zinc transporter ZIP14
UniProt Gene Name	SLC39A14
UniProt Synonym Gene Names	KIAA0062; ZIP14; LZT-Hs4; ZIP-14
UniProt Entry Name	S39AE_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.