

Rat Zinc Transporter ZIP14 ELISA Kit | SLC39A14 elisa kit

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CATALOG #
AAA122898

REACTIVITY
Rat

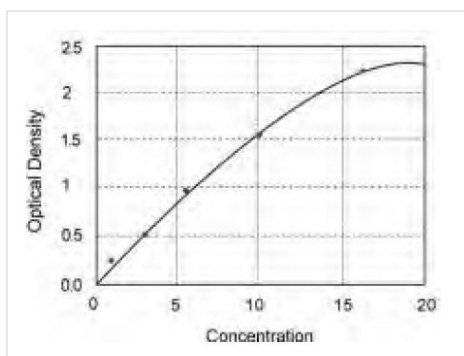
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	492
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-3500ng/L
Sensitivity	10.22ng/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	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat Slc39a14 antibody. Slc39a14 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Slc39a14 Antibody is added and binds to Slc39a14 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated 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 Rat Slc39a14. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Zinc Transporter ZIP14, ZIP14 (also known as Slc39a14) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/zinc-transporter-zip14/122898>