

Rat ZnT-3 (Zinc transporter 3) ELISA Kit | ZnT-3 elisa kit

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CATALOG #
AAA250626

REACTIVITY
Rat

PRODUCT SYNONYMS

ZnT-3 (Zinc transporter 3); Rat ZnT-3 (Zinc transporter 3) ELISA Kit; Zinc transporter 3; ZnT-3; Solute carrier family 30 member 3; Slc30a3; ZnT-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of ZnT-3. No significant cross-reactivity or interference between ZnT-3 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for ZnT-3 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61557417
NCBI GeneID	366568
NCBI Accession #	NP_001013261.1
NCBI GenBank Nucleotide #	NM_001013243.1
UniProt Accession #	Q6QIX3; Q5RJT1
Molecular Weight	36,850 Da
NCBI Official Full Name	zinc transporter 3
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

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://www.aaabiotech.com/rat-elisa-kits/znt-3-zinc-transporter-3/250626>