Rat Solute Carrier Family 30, Member 3 (SLC30A3) RTU ELISA Kit | SLC30A3 rtu elisa kit

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CATALOG #	REACTIVITY
AAA219510	**Rat**

PRODUCT SYNONYMS

Solute Carrier Family 30; Member 3 (SLC30A3); Rat Solute Carrier Family 30; Member 3 (SLC30A3) ELISA Kit; ZNT3; Zinc Transporter 3; SLC30A3 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	388
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	32.7pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC30A3 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SLC30A3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SLC30A3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SLC30A3, biotin-conjugated antibody and enzyme-conjugated Avidin 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 SLC30A3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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://stage.aaabiotech.com/rat-rtu-elisa-kits/solute-carrier-family-30-member-3-slc30a3/219510