

Human Testis Anion Transporter 1 (TAT1) ELISA Kit | TAT1 elisa kit

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CATALOG #
AAA65449

REACTIVITY
Human

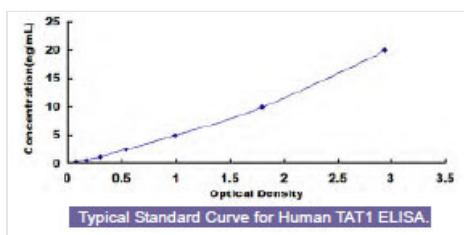
PRODUCT SYNONYMS

Testis Anion Transporter 1 (TAT1); Human Testis Anion Transporter 1 (TAT1) ELISA Kit; PSPS2; REGH; REGI-BETA; REGL; TAT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TAT1. No significant cross-reactivity or interference between TAT1 and analogues was observed.
Sequence Length	970
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.118ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TAT1 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 TAT1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAT1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TAT1 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TAT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TAT1. 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 TAT1, 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 TAT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	301601599
NCBI GeneID	116369
NCBI Accession #	NP_001180405.1
NCBI GenBank Nucleotide #	NM_001193476.1
UniProt Accession #	Q96RN1; Q5JVR5; Q812C7; Q8TC65; Q96MA0; Q96PK8
Molecular Weight	85,680 Da
NCBI Official Full Name	testis anion transporter 1 isoform a
NCBI Official Synonym Full Names	solute carrier family 26 member 8
NCBI Official Symbol	SLC26A8
NCBI Official Synonym Symbols	TAT1; SPGF3
NCBI Protein Information	testis anion transporter 1
UniProt Protein Name	Testis anion transporter 1
UniProt Gene Name	SLC26A8

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/testis-anion-transporter-1-tat1/65449>