

Human Testis Anion Transporter 1 (SLC26A8) ELISA Kit | TAT1 elisa kit

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CATALOG #
AAA330820

REACTIVITY
Human

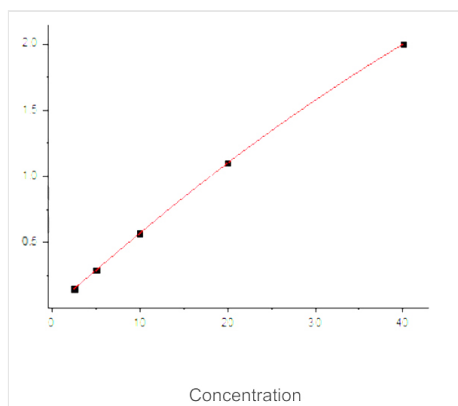
PRODUCT SYNONYMS

Testis Anion Transporter 1 (SLC26A8); Human Testis Anion Transporter 1 (SLC26A8) ELISA Kit; SLC26A8; RP11-482O9.1; FLJ32714; anion transporter/exchanger-8; testis anion transporter 1; TAT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Testis anion transporter 1 (SLC26A8) ELISA Kit has high sensitivity and excellent specificity for detection of Human SLC26A8. No significant cross-reactivity or interference between Human SLC26A8 and analogues was observed.
Sequence Length	970
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	2.5 pg/ml - 40 pg/ml
Sensitivity	< 0.1pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAT1 elisa kit	Background: The Slc26 family is a conserved family of anion transporters. In the human, their physiological relevance was highlighted with the discovery of pathogenic mutations in several Slc26 transporters that lead to distinctive clinical disorders (Pendred syndrome, deafness, diastrophic dysplasia, congenital chloride diarrhoea) that are related to the specific distribution of these genes. We previously identified TAT1 as a new family member (Slc26A8), very specifically expressed in male germ cells in both the human and the mouse. Principle of the Assay: Human Testis Anion Transporter 1 (SLC26A8) ELISA Kit employs a two-site sandwich ELISA to quantitate SLC26A8 in samples. An antibody specific for SLC26A8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SLC26A8 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human SLC26A8 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of SLC26A8 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	301601599
NCBI GeneID	116369
NCBI Accession #	NP_001180405
NCBI GenBank Nucleotide #	NP_001180405.1
UniProt Accession #	Q96RN1
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
UniProt Entry Name	S26A8_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/tat1-human-elisa-kits/testis-anion-transporter-1-slc26a8/330820>