

Human syntaxin 1A (brain) ELISA Kit | STX1A elisa kit

Human Syntaxin-1A, STX1A ELISA Kit

CATALOG #
AAA112463

REACTIVITY
Human

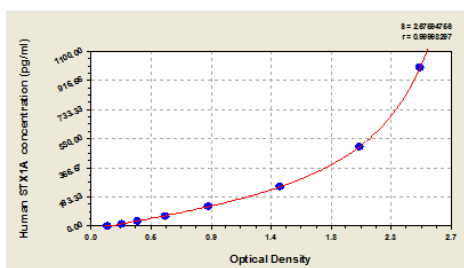
PRODUCT SYNONYMS

syntaxin 1A (brain); Human Syntaxin-1A; STX1A ELISA Kit; Human Syntaxin-1A (STX1A) ELISA kit; HPC-1; STX1; p35-1; syntaxin 1A; STX1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human STX1A. No significant cross-reactivity or interference between human STX1A and analogues was observed.
Sequence Length	251
Samples	Serum, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	<3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STX1A elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for STX1A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any STX1A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for STX1A is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of STX1A bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	259906442
NCBI GeneID	6804
NCBI Accession #	NP_001159375.1
NCBI GenBank Nucleotide #	NM_001165903.1
UniProt Accession #	Q16623; O15447; O15448; Q12936; Q75MD9; Q7Z5K3; Q9BPZ6
Molecular Weight	33,023 Da
NCBI Official Full Name	syntaxin-1A isoform 2
NCBI Official Synonym Full Names	syntaxin 1A (brain)
NCBI Official Symbol	STX1A
NCBI Official Synonym Symbols	STX1; HPC-1; P35-1; SYN1A
NCBI Protein Information	syntaxin-1A; neuron-specific antigen HPC-1
UniProt Protein Name	Syntaxin-1A
UniProt Gene Name	STX1A
UniProt Synonym Gene Names	STX1
UniProt Entry Name	STX1A_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/stx1a-human-elisa-kits/syntaxin-1a-brain/112463>