

Human STX17 (Syntaxin 17) ELISA Kit | STX17 elisa kit

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CATALOG #
AAA277957

REACTIVITY
Human

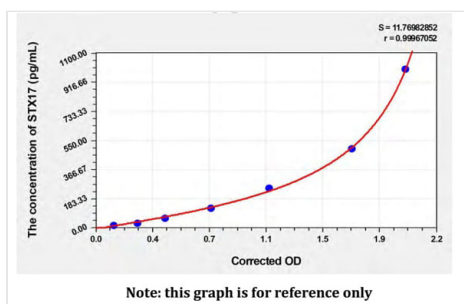
PRODUCT SYNONYMS

STX17 (Syntaxin 17); Human STX17 (Syntaxin 17) ELISA Kit; syntaxin 17; STX17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human STX17. No significant cross-reactivity or interference between Human STX17 and analogues was observed.
Assay Type	Sandwich
Detection Range	15.63-1000 pg/mL
Sensitivity	6.13 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STX17 elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human STX17. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human STX17. 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 Human STX17, 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 Human STX17 in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157388937
NCBI GeneID	55014
NCBI Accession #	NP_060389.2
NCBI GenBank Nucleotide #	NM_017919.2
UniProt Accession #	P56962; Q4VXC2
Molecular Weight	33,403 Da
NCBI Official Full Name	syntaxin-17
NCBI Official Synonym Full Names	syntaxin 17
NCBI Official Symbol	STX17
NCBI Protein Information	syntaxin-17
UniProt Protein Name	Syntaxin-17
UniProt Gene Name	STX17
UniProt Entry Name	STX17_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://www.aaabiotech.com/human-elisa-kits/stx17-syntaxin-17/277957>