

Human Synaptosome Associated Protein 25 ELISA Kit | SNAP 25 elisa kit

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CATALOG #
AAA87395

REACTIVITY
Human

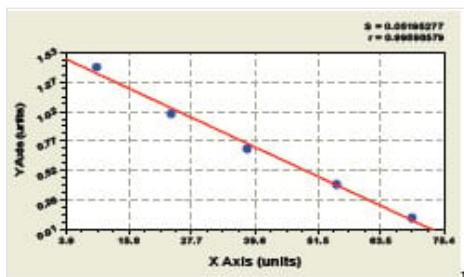
PRODUCT SYNONYMS

Synaptosome Associated Protein 25; Human Synaptosome Associated Protein 25 ELISA Kit; SNAP 25 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This SNAP-25 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SNAP-25. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SNAP 25 elisa kit

Principle of the assay: SNAP-25 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SNAP-25 antibody and an SNAP-25-HRP conjugate. The assay sample and buffer are incubated together with SNAP-25-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SNAP-25 concentration since SNAP-25 from samples and SNAP-25-HRP conjugate compete for the anti-SNAP-25 antibody binding site. Since the number of sites is limited, as more sites are occupied by SNAP-25 from the sample, fewer sites are left to bind SNAP-25-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SNAP-25 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SNAP 25 elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	325296753
NCBI GeneID	100533400
NCBI Accession #	NP_001191612.1
NCBI GenBank Nucleotide #	NM_001204683.1
NCBI Official Full Name	SNAP-25
NCBI Official Symbol	LOC100533400
NCBI Protein Information	SNAP-25

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/snap-25-human-elisa-kits/synaptosome-associated-protein-25/87395>