

Mouse Synaptosomal Associated Protein 25kDa (SNAP25) ELISA Kit | SNAP25 elisa kit

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CATALOG #
AAA64812

REACTIVITY
Mouse

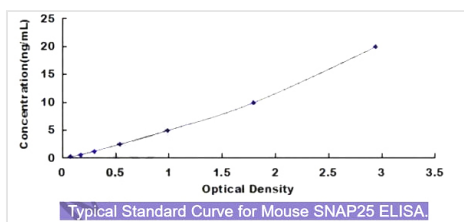
PRODUCT SYNONYMS

Synaptosomal Associated Protein 25kDa (SNAP25); Mouse Synaptosomal Associated Protein 25kDa (SNAP25) ELISA Kit; RIC4; SEC9; SNAP; SUP; Super protein; Resistance To Inhibitors Of Cholinesterase 4 Homolog; SNAP25 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SNAP25. No significant cross-reactivity or interference between SNAP25 and analogues was observed.
Sequence Length	206
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.14ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SNAP25 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 SNAP25 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 SNAP25 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SNAP25. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SNAP25. 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 SNAP25, 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 SNAP25 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SNAP25 in mouse tissue homogenates, cell lysates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	597517936
NCBI GeneID	20614
NCBI Accession #	NP_001277985.1
NCBI GenBank Nucleotide #	NM_001291056.1
UniProt Accession #	P60879; P13795; P36974; P70557; P70558; Q8IXK3; Q96FM2; Q9BR45; A2AIC2; A2AIC3
Molecular Weight	23,336 Da
NCBI Official Full Name	synaptosomal-associated protein 25 isoform b
NCBI Official Synonym Full Names	synaptosomal-associated protein 25
NCBI Official Symbol	Snap25
NCBI Official Synonym Symbols	sp; Bdr; SUP; GENA70; SNAP-25
NCBI Protein Information	synaptosomal-associated protein 25
UniProt Protein Name	Synaptosomal-associated protein 25
UniProt Gene Name	Snap25
UniProt Synonym Gene Names	Snap; SNAP-25; SUP

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/synaptosomal-associated-protein-25kda-snap25/64812>