

Human Synaptosomal Associated Protein 23kDa (SNAP23) ELISA Kit | SNAP23 elisa kit

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CATALOG #
AAA151302

REACTIVITY
Human

PRODUCT SYNONYMS

Synaptosomal Associated Protein 23kDa (SNAP23); Human Synaptosomal Associated Protein 23kDa (SNAP23) ELISA Kit; SNAP23/Synaptosomal Associated Protein 23kDa; SNAP23A; SNAP23B; Vesicle-membrane fusion protein SNAP-23; SNAP23 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SNAP23. No significant cross-reactivity or interference between SNAP23 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.117ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SNAP23 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 SNAP23 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term(within shelf life) Shelf Life: 8 months The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

ADDITIONAL INFORMATION

Related Product Information for SNAP23 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SNAP23. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SNAP23. 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 SNAP23, 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 SNAP23 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 in vitro quantitative measurement of SNAP23 in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for SNAP23 elisa kit	Neuro science

NCBI AND UNIPROT INFORMATION

NCBI GI #	6685971
NCBI GeneID	8773
UniProt Accession #	O00161; O00162; Q13602; Q6IAE3
Molecular Weight	211
NCBI Official Full Name	Synaptosomal-associated protein 23
NCBI Official Synonym Full Names	synaptosomal-associated protein, 23kDa
NCBI Official Symbol	SNAP23
NCBI Official Synonym Symbols	SNAP-23; SNAP23A; SNAP23B; HsT17016
NCBI Protein Information	synaptosomal-associated protein 23; synaptosomal-associated protein, 23kD; vesicle-membrane fusion protein SNAP-23
UniProt Protein Name	Synaptosomal-associated protein 23
UniProt Gene Name	SNAP23
UniProt Synonym Gene Names	SNAP-23
UniProt Entry Name	SNP23_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/synaptosomal-associated-protein-23kda-snap23/151302>