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

Multi-species Synaptosomal Associated Protein 25kDa (SNAP25) ELISA Kit

CATALOG #	REACTIVITY
AAA140866	**Human, Mouse, Rat, Rabbit, Pig, Bovine, Horse, Chicken**

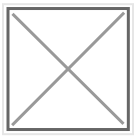
PRODUCT SYNONYMS

Synaptosomal Associated Protein 25kDa (SNAP25); Multi-species Synaptosomal Associated Protein 25kDa (SNAP25) ELISA Kit; Human/Mouse/Rat/Rabbit/Pig/Bovine/Horse/Chicken Synaptosomal Associated Protein 25kDa (SNAP25) (Sandwich ELISA) ELISA Kit; RIC4; SEC9; SNAP; SUP; Super protein; Resistance To Inhibitors Of Cholinesterase 4 Homolog; SNAP25 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat, Rabbit, Pig, Bovine, Horse, Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of smoothened. No significant cross-reactivity or interference between smoothened and analogues was observed.
Sequence Length	206
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level smoothened 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 smoothened were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SNAP25 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of smoothened in rat tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to smoothened. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to smoothened. 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 smoothened, 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 smoothened in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for SNAP25 elisa kit	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	18765735
NCBI GeneID	6616
NCBI Accession #	NP_570824.1
NCBI GenBank Nucleotide #	NM_130811.2
Molecular Weight	23,336 Da
NCBI Official Full Name	synaptosomal-associated protein 25 isoform SNAP25B
NCBI Official Synonym Full Names	synaptosomal-associated protein, 25kDa
NCBI Official Symbol	SNAP25
NCBI Official Synonym Symbols	RIC4; SEC9; SNAP; CMS18; RIC-4; SNAP-25; bA416N4.2; dJ1068F16.2
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
UniProt Entry Name	SNP25_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/bovine-chicken-horse-human-mouse-ovine-pig-rabbit-rat-elisa-kits/synaptosomal-associated-protein-25kda-snap25/140866