

Rat Synaptosome Associated Protein 25 ELISA Kit | SNAP-25 elisa kit

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CATALOG #
AAA101741

REACTIVITY
Rat

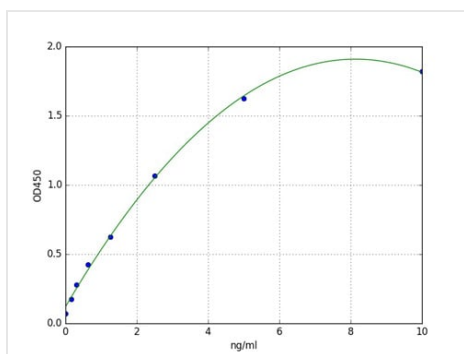
PRODUCT SYNONYMS

Synaptosome Associated Protein 25; Rat Synaptosome Associated Protein 25 ELISA Kit; SNAP25/Synaptosomal-associated protein 25/SNAP-25/Super protein/SUP/Synaptosomal-associated 25 kDa protein/SNAP/RIC4/SEC9/SNAP/RIC-4/SNAP-25; SNAP-25 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	206
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat SNAP-25 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.056	0.137	0.161	0.285	0.484	0.840	1.486	2.142

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SNAP-25 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat SNAP-25 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat SNAP-25 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat SNAP-25 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat SNAP-25 can be calculated.

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	synaptosome 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/snap-25-rat-elisa-kits/synaptosome-associated-protein-25/101741>