

Rat SYP ELISA Kit | SYP elisa kit

Rat SYP (Synaptophysin) ELISA Kit

CATALOG #
AAA164482

REACTIVITY
Rat

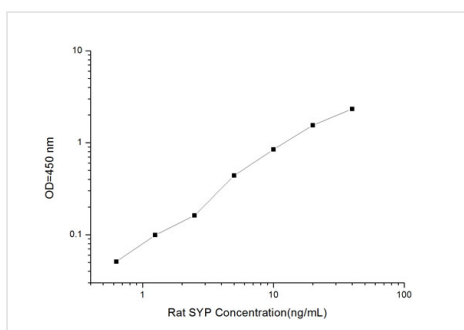
PRODUCT SYNONYMS

SYP; Rat SYP (Synaptophysin) ELISA Kit; SYP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat SYP. No significant cross-reactivity or interference between Rat SYP and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat SYP and all the analogues, therefore, cross reaction may still exist.
Sequence Length	314
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	Min: 0.375ng/mL; Max: 40ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SYP elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SYP in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat SYP. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat SYP and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat SYP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat SYP. You can calculate the concentration of Rat SYP in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166235165
NCBI GeneID	20977
NCBI Accession #	NP_033331.2
NCBI GenBank Nucleotide #	NM_009305.2
UniProt Accession #	Q62277; Q8BRQ0; Q91WI8
Molecular Weight	34,025 Da
NCBI Official Full Name	synaptophysin
NCBI Official Synonym Full Names	synaptophysin
NCBI Official Symbol	Syp
NCBI Official Synonym Symbols	Syn; p38; A1848995; A230093K24Rik
NCBI Protein Information	synaptophysin; BM89 antigen; Syp I; major synaptic vesicle protein p38
UniProt Protein Name	Synaptophysin
UniProt Gene Name	Syp
UniProt Entry Name	SYPH_MOUSE

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/rat-elisa-kits/syp/164482>