

Rat SYP (Synaptophysin) ELISA Kit | SYP elisa kit

Rat SYP (Synaptophysin) ELISA Kit

CATALOG #
AAA278699

REACTIVITY
Rat

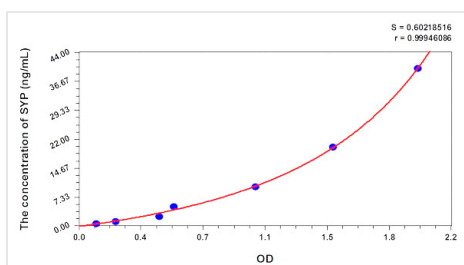
PRODUCT SYNONYMS

SYP (Synaptophysin); Rat SYP (Synaptophysin) ELISA Kit; Major synaptic vesicle protein p38; SYP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/mL
Sensitivity	10.94pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SYP elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat SYP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat SYP. 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 Rat SYP, 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 Rat SYP in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for SYP elisa kit

[Neuro science](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981622
NCBI GeneID	24804
NCBI Accession #	NP_036796.1

NCBI GenBank Nucleotide #	NM_012664.2
UniProt Accession #	P07825 ; Q499R3
Molecular Weight	33,311 Da
NCBI Official Full Name	synaptophysin
NCBI Official Synonym Full Names	synaptophysin
NCBI Official Symbol	Syp
NCBI Official Synonym Symbols	Syp1
NCBI Protein Information	synaptophysin; major synaptic vesicle protein p38
UniProt Protein Name	Synaptophysin
UniProt Gene Name	Syp
UniProt Entry Name	SYPH_RAT

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://www.aaabiotech.com/rat-elisa-kits/syp-synaptophysin/278699>