

Human Synapsin-1 (SYN1) ELISA Kit | SYN1 elisa kit

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CATALOG #
AAA330626

REACTIVITY
Human

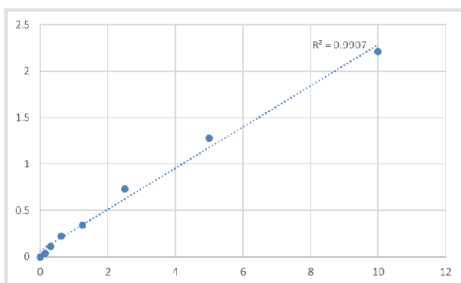
PRODUCT SYNONYMS

Synapsin-1 (SYN1); Human Synapsin-1 (SYN1) ELISA Kit; SYN1; RP1-230G1.2; SYN1a; SYN1b; SYN1; brain protein 4.1; SYN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Synapsin-1 (SYN1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SYN1. No significant cross-reactivity or interference between Human SYN1 and analogues was observed.
Sequence Length	705
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	1 ug/L - 16 ug/L
Sensitivity	< 0.1 ug/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Synapsin-1 (SYN1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SYN1 elisa kit

Principle of the Assay: Human Synapsin-1 (SYN1) ELISA Kit employs a two-site sandwich ELISA to quantitate SYN1 in samples. An antibody specific for Human SYN1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SYN1 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated SYN1 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of SYN1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19924099
NCBI GeneID	6853
NCBI Accession #	NP_008881.2
NCBI GenBank Nucleotide #	NP_008881.2
UniProt Accession #	P17600
NCBI Official Full Name	synapsin-1 isoform Ia
NCBI Official Synonym Full Names	synapsin I
NCBI Official Symbol	SYN1
NCBI Official Synonym Symbols	SYNI; SYN1a; SYN1b
NCBI Protein Information	synapsin-1
UniProt Protein Name	Synapsin-1
UniProt Gene Name	SYN1
UniProt Entry Name	SYN1_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/human-elisa-kits/synapsin-1-syn1/330626>