

Mouse Stathmin-2 (STMN2) ELISA Kit | STMN2 elisa kit

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CATALOG #
AAA27193

REACTIVITY
Mouse

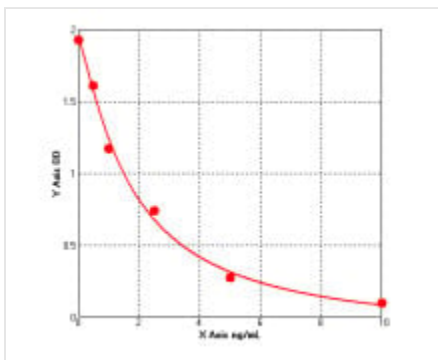
PRODUCT SYNONYMS

Stathmin-2 (STMN2); Mouse Stathmin-2 (STMN2) ELISA Kit; STMN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of STMN2. No significant cross-reactivity or interference between STMN2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between STMN2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STMN2 elisa kit	Principle of the Assay: STMN2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-STMN2 antibody and an STMN2-HRP conjugate. The assay sample and buffer are incubated together with STMN2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the STMN2 concentration since STMN2 from samples and STMN2-HRP conjugate compete for the anti-STMN2 antibody binding site. Since the number of sites is limited, as more sites are occupied by STMN2 from the sample, fewer sites are left to bind STMN2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The STMN2 concentration in each sample is interpolated from this standard curve. Intended Uses: This STMN2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse STMN2. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for STMN2 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758184
NCBI GeneID	84510
NCBI Accession #	NP_445892.1
NCBI GenBank Nucleotide #	NM_053440.2
Molecular Weight	20,756 Da
NCBI Official Full Name	stathmin-2
NCBI Official Synonym Full Names	stathmin 2
NCBI Official Symbol	Stmn2
NCBI Official Synonym Symbols	Scg10; Scgn10
NCBI Protein Information	stathmin-2; stathmin-like 2; superior cervical ganglion-10 protein; superiorcervical ganglia, neural specific 10
UniProt Protein Name	Stathmin-2
UniProt Gene Name	Stmn2
UniProt Synonym Gene Names	Scg10; Scgn10; Protein SCG10
UniProt Entry Name	STMN2_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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/stathmin-2-stmn2/27193>