

Rat Stmn2 (Stathmin-2) ELISA Kit | Stmn2 elisa kit

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CATALOG # AAA250537	REACTIVITY Rat
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PRODUCT SYNONYMS

Stmn2 (Stathmin-2); Rat Stmn2 (Stathmin-2) ELISA Kit; Stathmin-2; Superior cervical ganglion-10 protein (Protein SCG10); Stmn2; Stmn2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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.
Assay Type	Sandwich
Samples	Cell lysates, cerebrospinal fluid (CSF), tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for Stmn2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16758184
NCBI GeneID	84510
NCBI Accession #	NP_445892.1
NCBI GenBank Nucleotide #	NM_053440.2
UniProt Accession #	P21818; Q9ERH2
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/rat-elisa-kits/stmn2-stathmin-2/250537>