

Human Stathmin 2 (STMN2) ELISA Kit | STMN2 elisa kit

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CATALOG #
AAA188261

REACTIVITY
Human

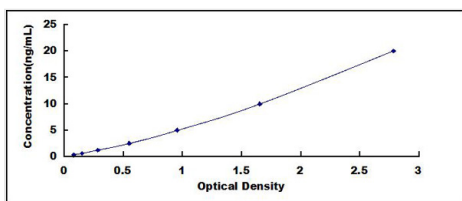
PRODUCT SYNONYMS

Stathmin 2 (STMN2); Human Stathmin 2 (STMN2) ELISA Kit; SCG10; SCGN10; SGC10; Superior Cervical Ganglion-10; STMN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Stathmin 2 (STMN2). No significant cross-reactivity or interference between Stathmin 2 (STMN2) and analogues was observed.
Sequence Length	179
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.121ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Stathmin 2 (STMN2) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Stathmin 2 (STMN2) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STMN2 elisa kit	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 Stathmin 2 (STMN2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Stathmin 2 (STMN2). 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 Stathmin 2 (STMN2), 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 Stathmin 2 (STMN2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51704330
UniProt Accession #	Q93045
NCBI Official Full Name	Stathmin-2
UniProt Protein Name	Stathmin-2
UniProt Gene Name	STMN2
UniProt Synonym Gene Names	SCG10; SCGN10; Protein SCG10
UniProt Entry Name	STMN2_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://www.aaabiotech.com/human-elisa-kits/stathmin-2-stmn2/188261>