

Mouse Secretagogin (SCGN) ELISA Kit | SCGN elisa kit

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CATALOG #
AAA65971

REACTIVITY
Mouse

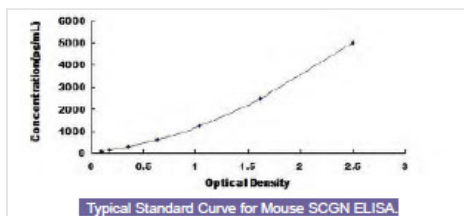
PRODUCT SYNONYMS

Secretagogin (SCGN); Mouse Secretagogin (SCGN) ELISA Kit; SECRET; SEGN; CALBL; Calbindin-Like; Secretagogin; EF-Hand Calcium Binding Protein; SCGN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SCGN. No significant cross-reactivity or interference between SCGN and analogues was observed.
Sequence Length	179
Samples	Serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	< 31pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SCGN were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SCGN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCGN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SCGN in mouse serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SCGN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SCGN. 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 SCGN, 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 SCGN 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 #	13384630
NCBI GeneID	20257
NCBI Accession #	NP_079561.1
NCBI GenBank Nucleotide #	NM_025285.2
UniProt Accession #	P55821
Molecular Weight	20,828 Da
NCBI Official Full Name	stathmin-2
NCBI Official Synonym Full Names	stathmin-like 2
NCBI Official Symbol	Stmn2
NCBI Official Synonym Symbols	SCG10; Stmb2; Scgn10; AI159727
NCBI Protein Information	stathmin-2
UniProt Protein Name	Stathmin-2
UniProt Gene Name	Stmn2
UniProt Synonym Gene Names	Scg10; Scgn10; Stmb2; Protein SCG10

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/mouse-elisa-kits/secretagoin-scgn/65971>