Rat Secretagogin (SCGN) ELISA Kit | SCGN elisa kit

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CATALOG #	REACTIVITY
AAA182389	**Rat**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Secretagogin (SCGN). No significant cross-reactivity or interference between Secretagogin (SCGN) and analogues was observed.
Sequence Length	276
Assay Type	Competitive Inhibition
Samples	Serum, Plasma and Other Biological Fluids
Detection Range	61.73-5000pg/mL
Sensitivity	< 24.7pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Secretagogin (SCGN) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Secretagogin (SCGN) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
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 SCGN elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Secretagogin (SCGN) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Secretagogin (SCGN) and unlabeled Secretagogin (SCGN) (Standards or samples) with the pre-coated antibody specific to Secretagogin (SCGN). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Secretagogin (SCGN) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Secretagogin (SCGN) in the sample.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15055537
NCBI GeneID	10590
NCBI Accession #	NP_008929.2
NCBI GenBank Nucleotide #	NM_006998.3
UniProt Accession #	O76038; Q5VV44; Q96QV7; Q9UJF6; A8K0B2
Molecular Weight	32,040 Da
NCBI Official Full Name	secretagogin
NCBI Official Synonym Full Names	secretagogin, EF-hand calcium binding protein
NCBI Official Symbol	SCGN
NCBI Official Synonym Symbols	SEGN; CALBL; SECRET; setagin; DJ501N12.8
NCBI Protein Information	secretagogin
UniProt Protein Name	Secretagogin
UniProt Gene Name	**SCGN**
UniProt Synonym Gene Names	SECRET

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/rat-elisa-kits/secretagogin-scgn/182389