

Human Secretagoin, SCGN ELISA Kit | SCGN elisa kit

Human Secretagoin, SCGN Primacu ELISA Kit

CATALOG #
AAA124397

REACTIVITY
Human

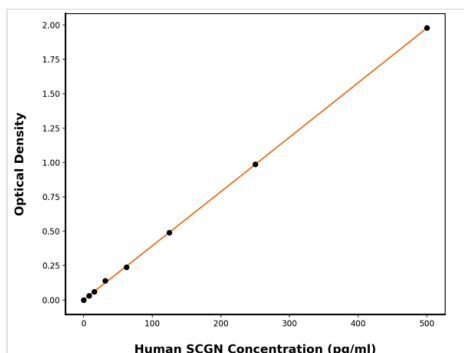
PRODUCT SYNONYMS

Secretagoin; SCGN; Human Secretagoin; SCGN Primacu ELISA Kit; SECRET; SCGN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	7.81-500pg/mL
Sensitivity	1.64pg/mL
Standard Solution	5ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for SCGN elisa kit	Secretagogin, also known as SCGN, is a secreted protein that is detectable in human serum after ischemic neuronal damage. It is a recently described calcium-binding protein. Secretagogin/SCGN is expressed at high levels in the pancreatic islets of Langerhans and to a much lesser extent in the gastrointestinal tract (stomach, small intestine and colon), the adrenal medulla and cortex and the thyroid C-cells. In the brain, the expression of Secretagogin/SCGN is restricted to distinct subtypes of neurons with highest expression in the molecular layer of the cerebellum (stellate and basket cells), in the anterior part of the pituitary gland, in the thalamus, in the hypothalamus and in a subgroup of neocortical neurons. Secretagogin/SCGN is widely expressed in prostatic adenocarcinoma as opposed to adenocarcinomas in other organs. The function of Secretagogin/SCGN is unknown, but it has been suggested in beta-cells to influence calcium-influx and has been observed downregulated in diabetes-prone BB rat islets exposed to cytokines. Secretagogin/SCGN is involved in the calcium metabolism of tumour cells and endothelial cells in a subset of neoplasms of the brain and its coverings. Secretagogin/SCGN is also a novel marker for neuroendocrine differentiation.
Product Categories/Family for SCGN elisa kit	Primacu ELISA Kit; Neuroscience

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
UniProt Entry Name	SEGN_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.