

Human secretogranin II (chromogranin C) ELISA Kit | SCG2 elisa kit

Human Secretogranin-2, SCG2 ELISA Kit

CATALOG #
AAA112261

REACTIVITY
Human

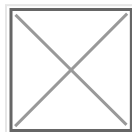
PRODUCT SYNONYMS

secretogranin II (chromogranin C); Human Secretogranin-2; SCG2 ELISA Kit; Human Secretogranin-2 (SCG2) ELISA kit; CHGC; SN; SgII; Chromogranin C (secretogranin II) ; EM66; secretogranin II; secretoneurin; SCG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SCG2. No significant cross-reactivity or interference between human SCG2 and analogues was observed.
Sequence Length	617
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	2.35 ng/ml-150 ng/ml
Sensitivity	< 0.59 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCG2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SCG2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SCG2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SCG2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SCG2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68160947
NCBI GeneID	7857
NCBI Accession #	NP_003460.2
NCBI GenBank Nucleotide #	NM_003469.4
UniProt Accession #	P13521; Q53T11; Q8TBH3; B2R662
Molecular Weight	70,941 Da
NCBI Official Full Name	secretogranin-2
NCBI Official Synonym Full Names	secretogranin II
NCBI Official Symbol	SCG2
NCBI Official Synonym Symbols	SN; CHGC; EM66; SgII
NCBI Protein Information	secretogranin-2; secretoneurin; chromogranin-C
UniProt Protein Name	Secretogranin-2
UniProt Gene Name	SCG2
UniProt Synonym Gene Names	CHGC; SgII; SN
UniProt Entry Name	SCG2_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://stage.aaabiotech.com/scg2-human-elisa-kits/secretogranin-ii-chromogranin-c/112261>