

Human SCG2 ELISA Kit | SCG2 elisa kit

Human SCG2 (Secretogranin II) ELISA Kit

CATALOG #
AAA165143

REACTIVITY
Human

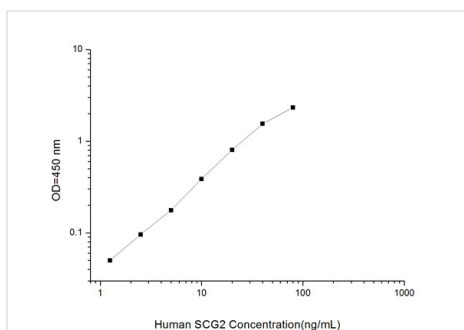
PRODUCT SYNONYMS

SCG2; Human SCG2 (Secretogranin II) ELISA Kit; SCG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human SCG2 in samples. No significant cross-reactivity or interference between Human SCG2 and analogues was observed.
Sequence Length	616
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.25-80ng/mL
Sensitivity	0.75ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human SCG2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human SCG2 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCG2 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human SCG2 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human SCG2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human SCG2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human SCG2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human SCG2. You can calculate the concentration of Human SCG2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	59709498
NCBI GeneID	497237
NCBI Accession #	NP_001012299.1
NCBI GenBank Nucleotide #	NM_001012299.1
UniProt Accession #	Q5FZP5
Molecular Weight	70,999 Da
NCBI Official Full Name	secretogranin-2
NCBI Official Symbol	SCG2
NCBI Official Synonym Symbols	SgII; SCGG2
NCBI Protein Information	secretogranin-2; chromogranin C
UniProt Protein Name	Secretogranin-2
UniProt Gene Name	SCG2
UniProt Synonym Gene Names	SgII; SN
UniProt Entry Name	SCG2_PIG

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/human-elisa-kits/scg2/165143>