

Human chromogranin B (secretogranin 1) ELISA Kit | CHGB elisa kit

Human secretogranin-1 (chromogranin-B) , CHGB/SCG1 ELISA Kit

CATALOG #
AAA112477

REACTIVITY
Human

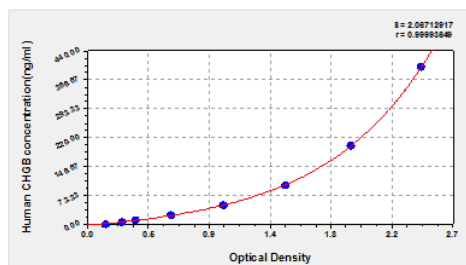
PRODUCT SYNONYMS

chromogranin B (secretogranin 1); Human secretogranin-1 (chromogranin-B); CHGB/SCG1 ELISA Kit; Human secretogranin-1 (chromogranin-B) (CHGB/SCG1) ELISA kit; SCG1; chromogranin B; secretogranin B; CHGB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CHGB. No significant cross-reactivity or interference between Human CHGB and analogues was observed.
Sequence Length	646
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	6.25 ng/ml-400 ng/ml
Sensitivity	1.56 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 CHGB elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CHGB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CHGB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CHGB 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 CHGB bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	30794308
NCBI GeneID	281071
NCBI Accession #	NP_851349.1
NCBI GenBank Nucleotide #	NM_181006.2
UniProt Accession #	P23389; O02707
Molecular Weight	73,340 Da
NCBI Official Full Name	secretogranin-1
NCBI Official Symbol	CHGB
NCBI Protein Information	secretogranin-1; cgB; sgl; chromogranin-B; secretogranin I
UniProt Protein Name	Secretogranin-1
UniProt Gene Name	CHGB
UniProt Synonym Gene Names	CgB; Sgl
UniProt Entry Name	SCG1_BOVIN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/chgb-human-elisa-kits/chromogranin-b-secretogranin-1/112477>