

Mouse Secretin (SCT) ELISA Kit | SCT elisa kit

Mouse Secretin (SCT) ELISA Kit

CATALOG #
AAA66386

REACTIVITY
Mouse

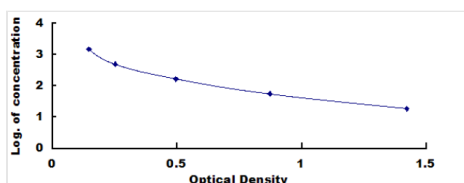
PRODUCT SYNONYMS

Secretin (SCT); Mouse Secretin (SCT) ELISA Kit; SCT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SCT. No significant cross-reactivity or interference between SCT and analogues was observed.
Sequence Length	133
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Assay Type	Quantitative Competitive
Detection Range	23.4-1500pg/mL
Sensitivity	< 9.46pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SCT were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SCT were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCT elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of SCT in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to SCT has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled SCT and unlabeled SCT (Standards or samples) with the pre-coated antibody specific to SCT. 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 SCT in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of SCT in the sample.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755416
NCBI GeneID	20287
NCBI Accession #	NP_035458.1
NCBI GenBank Nucleotide #	NM_011328.3
UniProt Accession #	Q08535
Molecular Weight	14,914 Da
NCBI Official Full Name	secretin isoform 2 preproprotein
NCBI Official Synonym Full Names	secretin
NCBI Official Symbol	Sct
NCBI Protein Information	secretin
UniProt Protein Name	Secretin
UniProt Gene Name	Sct

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/mouse-elisa-kits/secretin-sct/66386>