

## Mouse Secretin (SCT) ELISA Kit | SCT elisa kit

Mouse Secretin (SCT) ELISA Kit

CATALOG #  
**AAA136052**

REACTIVITY  
**Mouse**

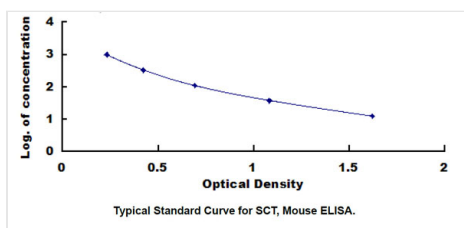
### PRODUCT SYNONYMS

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.                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence Length         | 121                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids                                                                                                                                                                                                                                                                                                                                                                                            |
| Detection Range         | 12.35-1,000pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Sensitivity             | < 4.87pg/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 | <p>The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.</p> |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for SCT elisa kit | <p>Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An 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.</p> <p>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 and other biological fluids.</p> |
| Product Categories/Family for SCT elisa kit   | Endocrinology; Hepatology; Hormone metabolism                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                        |
|----------------------------------|------------------------|
| NCBI GI #                        | 11345450               |
| NCBI GeneID                      | 6343                   |
| NCBI Accession #                 | NP_068739.1            |
| NCBI GenBank Nucleotide #        | NM_021920.2            |
| UniProt Accession #              | P09683                 |
| Molecular Weight                 | 13,016 Da              |
| NCBI Official Full Name          | secretin preproprotein |
| NCBI Official Synonym Full Names | secretin               |
| NCBI Official Symbol             | SCT                    |
| NCBI Protein Information         | secretin               |
| UniProt Protein Name             | Secretin               |
| UniProt Gene Name                | SCT                    |
| UniProt Entry Name               | SECR_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/mouse-elisa-kits/secretin-sct/136052>