

## Mouse SCT ELISA Kit | SCT elisa kit

Mouse SCT (Secretin) ELISA Kit

CATALOG #  
**AAA164326**

REACTIVITY  
**Mouse**

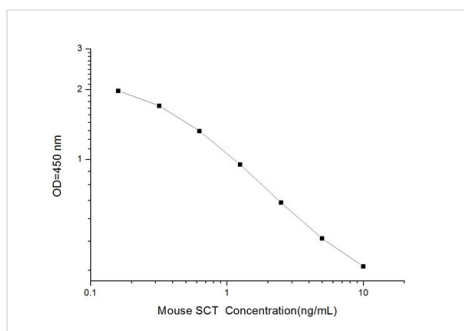
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Mouse SCT. No significant cross-reactivity or interference between Mouse SCT and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse SCT and all the analogues, therefore, cross reaction may still exist. |
| Sequence Length         | 121                                                                                                                                                                                                                                                                                                                                                                                        |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                                                                                                                                                                                                                                                           |
| Assay Type              | Competitive                                                                                                                                                                                                                                                                                                                                                                                |
| Detection Range         | 0.156-10ng/mL                                                                                                                                                                                                                                                                                                                                                                              |
| Sensitivity             | Min: 0.094ng/mL; Max: 10ng/mL                                                                                                                                                                                                                                                                                                                                                              |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                                                                                                                                                                                                                                                       |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for SCT elisa kit

**Description:** The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of SCT in Mouse serum, plasma and other biological fluids

**Principle of the Assay:** This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Mouse SCT. During the reaction, Mouse SCT in the sample or standard competes with a fixed amount of Mouse SCT on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Mouse SCT. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Mouse SCT in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                           |
|----------------------------------|---------------------------|
| NCBI GI #                        | 11138667                  |
| NCBI GeneID                      | 6343                      |
| UniProt Accession #              | P09683                    |
| Molecular Weight                 | 13,016 Da                 |
| NCBI Official Full Name          | secretin                  |
| NCBI Official Synonym Full Names | secretin                  |
| NCBI Official Symbol             | SCT                       |
| NCBI Protein Information         | secretin; prepro-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/sct/164326>