

## Human Somatostatin (SS) ELISA Kit | SS elisa kit

Human Somatostatin (SS) ELISA Kit

CATALOG #  
**AAA330585**

REACTIVITY  
**Human**

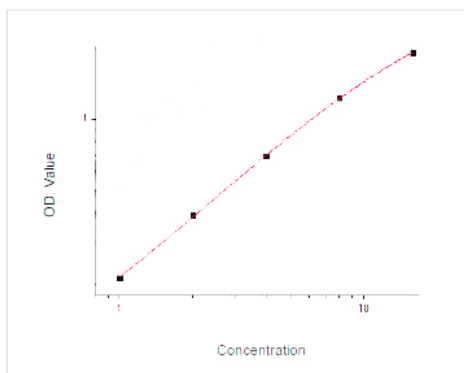
### PRODUCT SYNONYMS

Somatostatin (SS); Human Somatostatin (SS) ELISA Kit; SST; SMST; somatostatin-14; somatostatin-28; SS elisa kit

### PRODUCT SPECIFICATIONS

|                         |                        |
|-------------------------|------------------------|
| Reactivity              | Human                  |
| Sequence Length         | 116                    |
| Assay Type              | Sandwich               |
| Preparation and Storage | Store at 2-8 degree C. |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for SS elisa kit

**Principle of the Assay:** Human Somatostatin (SS) ELISA Kit employs a two-site sandwich ELISA to quantitate Somatostatin in samples. An antibody specific for Somatostatin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Somatostatin present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human Somatostatin detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of Somatostatin bound in the initial step. The color development is stopped and the intensity of the color is measured.

**Background/Introduction:** Somatostatin is a peptide hormone that regulates the endocrine system and affects neurotransmission and cell proliferation via interaction with G-protein-coupled somatostatin receptors and inhibition of the release of numerous secondary hormones. Somatostatin was first discovered in hypothalamic extracts and identified as a hormone that inhibited secretion of growth hormone. Subsequently, somatostatin was found to be secreted by a broad range of tissues, including pancreas, intestinal tract and regions of the central nervous system outside the hypothalamus.

NCBI AND UNIPROT INFORMATION

|                                  |                            |
|----------------------------------|----------------------------|
| NCBI GI #                        | 4507243                    |
| NCBI GeneID                      | 6750                       |
| NCBI Accession #                 | NP_001039.1                |
| NCBI GenBank Nucleotide #        | NP_001039.1                |
| UniProt Accession #              | P61278                     |
| NCBI Official Full Name          | somatostatin preproprotein |
| NCBI Official Synonym Full Names | somatostatin               |
| NCBI Official Symbol             | SST                        |
| NCBI Official Synonym Symbols    | SMST                       |
| NCBI Protein Information         | somatostatin               |
| UniProt Protein Name             | Somatostatin               |
| UniProt Gene Name                | SST                        |
| UniProt Entry Name               | SMS_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/human-elisa-kits/somatostatin-ss/330585>