

Human Somatostatin (SS) ELISA Kit | SS elisa kit

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CATALOG #
AAA330585

REACTIVITY
Human

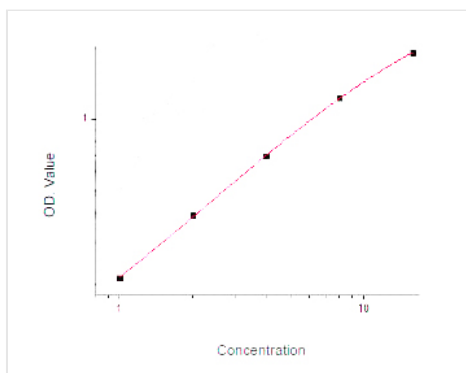
PRODUCT SYNONYMS

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://www.aaabiotech.com/human-elisa-kits/somatostatin-ss/330585>