

Human somatostatin ELISA Kit | SST elisa kit

Human Somatostatin, SS ELISA Kit

CATALOG #
AAA15448

REACTIVITY
Human

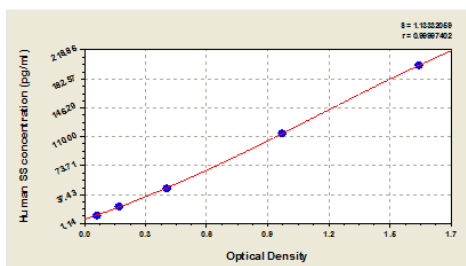
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SST. No significant cross-reactivity or interference between Human SST and analogues was observed.
Sequence Length	116
Samples	Serum, plasma
Assay Type	Sandwich
Detection Range	11.4 pg/ml-200 pg/ml
Sensitivity	7.14 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SST elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for SS. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SS bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507243
NCBI GeneID	6750
NCBI Accession #	NP_001039.1
NCBI GenBank Nucleotide #	NM_001048.3
UniProt Accession #	P61278; P01166; B2R5G3
Molecular Weight	12,736 Da
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; somatostatin-14; somatostatin-28; prepro-somatostatin; growth hormone release-inhibiting factor
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/sst-human-elisa-kits/somatostatin/15448>