

Human SST ELISA Kit | SST elisa kit

Human SST (Somatostatin) ELISA Kit

CATALOG #
AAA165427

REACTIVITY
Human

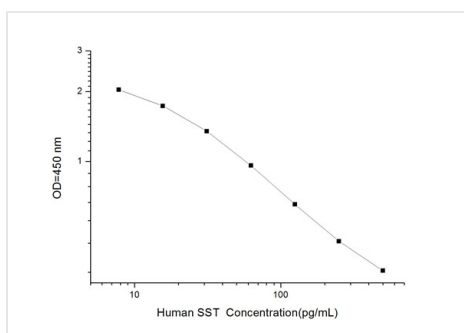
PRODUCT SYNONYMS

SST; Human SST (Somatostatin) ELISA Kit; 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. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human SST and all the analogues, therefore, cross reaction may still exist.
Sequence Length	116
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	7.813-500pg/mL
Sensitivity	Min: 4.688pg/mL; Max: 500pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SST elisa kit

Description: The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of SST in human 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 Human SST. During the reaction, Human SST in the sample or standard competes with a fixed amount of Human SST on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human SST. 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 Human SST in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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; growth hormone release-inhibiting factor; prepro-somatostatin; somatostatin-14; somatostatin-28
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/sst/165427>