

Human Somatostatin ELISA Kit | SST elisa kit

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CATALOG #
AAA16428

REACTIVITY
Human

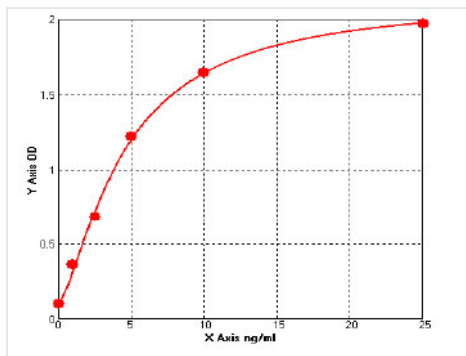
PRODUCT SYNONYMS

Somatostatin; Human Somatostatin ELISA Kit; SST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SST. No significant cross-reactivity or interference between SST and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SST and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SST elisa kit	Principle of the Assay: SST ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for SST. Standards or samples are then added to the microtiter plate wells and SST if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of SST present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for SST are added to each well to "sandwich" the SST immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain SST and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SST concentration in each sample is interpolated from this standard curve. Intended Uses: This SST ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SST. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for SST elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	21619156
NCBI GeneID	6750
Molecular Weight	12,736 Da
NCBI Official Full Name	Somatostatin
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://www.aaabiotech.com/sst-human-elisa-kits/somatostatin/16428>