

Rat somatostatin ELISA Kit | SST elisa kit

Rat Somatostatin, SS ELISA Kit

CATALOG #
AAA15592

REACTIVITY
Rat

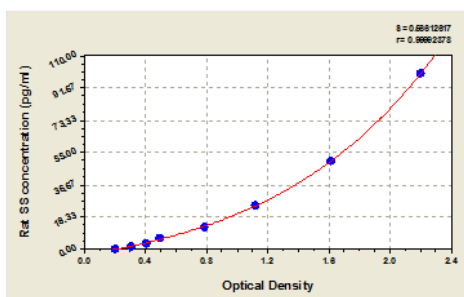
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat SREBP-1C. No significant cross-reactivity or interference between rat SREBP-1C and analogues was observed.
Sequence Length	116
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	15.6 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 SREBP-1C has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SREBP-1C present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SREBP-1C is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SREBP-1C bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981582
NCBI GeneID	24797
NCBI Accession #	NP_036791.1
NCBI GenBank Nucleotide #	NM_012659.1
UniProt Accession #	P60042; P01167
Molecular Weight	12,746 Da
NCBI Official Full Name	somatostatin
NCBI Official Synonym Full Names	somatostatin
NCBI Official Symbol	Sst
NCBI Official Synonym Symbols	Smst; SS-14; SS-28
NCBI Protein Information	somatostatin
UniProt Protein Name	Somatostatin
UniProt Gene Name	Sst
UniProt Synonym Gene Names	Smst
UniProt Entry Name	SMS_RAT

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-rat-elisa-kits/somatostatin/15592>