

Mouse somatostatin ELISA Kit | SST elisa kit

Mouse Somatostatin, SS ELISA Kit

CATALOG #
AAA15140

REACTIVITY
Mouse

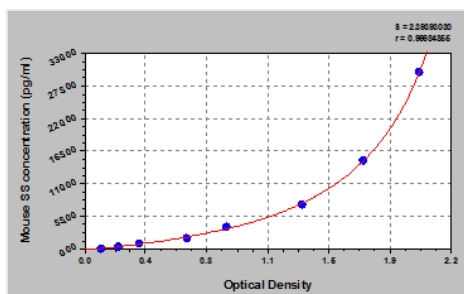
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse SS. No significant cross-reactivity or interference between mouse SS and analogues was observed.
Sequence Length	116
Samples	Serum, plasma, tissue homogenates
Detection Range	4.7 pg/ml -300 pg/mL
Sensitivity	<1.1 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 SS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SS 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 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 #	6678035
NCBI GeneID	20604
NCBI Accession #	NP_033241.1
NCBI GenBank Nucleotide #	NM_009215.1
UniProt Accession #	P60041; 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	SS; SOM; SRIF; Smst
NCBI Protein Information	somatostatin; preprosomatostatin
UniProt Protein Name	Somatostatin
UniProt Gene Name	Sst
UniProt Synonym Gene Names	Smst
UniProt Entry Name	SMS_MOUSE

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-mouse-elisa-kits/somatostatin/15140>