

Mouse Somatostatin ELISA Kit | SSTR5 elisa kit

Mouse Somatostatin (SS) ELISA Kit

CATALOG # AAA55919	REACTIVITY Mouse
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PRODUCT SYNONYMS

Somatostatin; Mouse Somatostatin (SS) ELISA Kit; OTTHUMP00000158593|somatostatin receptor subtype 5; SS; SSTR5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse PCT. No significant cross-reactivity or interference between Mouse PCT and analogues was observed.
Sequence Length	116
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/mL-10 ng/mL
Sensitivity	0.078 ng/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for SSTR5 elisa kit	Intended Uses: For the quantitative detection of Mouse Procalcitonin (PCT) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PCT in Mouse serum, plasma. An antibody specific for PCT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PCT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PCT is added to the wells. After washing, Streptavidin 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 PCT 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 #	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
UniProt Protein Name	Somatostatin
UniProt Gene Name	Sst
UniProt Synonym Gene Names	Smst

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/sstr5-mouse-elisa-kits/somatostatin/55919>