

Mouse Sstr2 (Somatostatin receptor type 2) ELISA Kit | Sstr2 elisa kit

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CATALOG # AAA250236	REACTIVITY Mouse
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PRODUCT SYNONYMS

Sstr2 (Somatostatin receptor type 2); Mouse Sstr2 (Somatostatin receptor type 2) ELISA Kit; Somatostatin receptor type 2; SS-2-R; SS2-R; SS2R; SRIF-1; Smstr2; Sst2; Sstr2; Sstr2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Sstr2. No significant cross -reactivity or interference between Sstr2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for Sstr2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110665699
NCBI GeneID	20606
NCBI Accession #	NP_001036071.1
NCBI GenBank Nucleotide #	NM_001042606.2
UniProt Accession #	P30875; P30934; Q91Y73
Molecular Weight	38,587 Da
NCBI Official Full Name	somatostatin receptor type 2 isoform A

NCBI Official Synonym Full Names	somatostatin receptor 2
NCBI Official Symbol	Sstr2
NCBI Official Synonym Symbols	SS2R; sst2; SRIF-1; SSTR-2; Smstr2; Smstr-2
NCBI Protein Information	somatostatin receptor type 2
UniProt Protein Name	Somatostatin receptor type 2
UniProt Gene Name	Sstr2
UniProt Synonym Gene Names	Smstr2; Sst2; SS-2-R; SS2-R; SS2R

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/mouse-elisa-kits/sstr2-somatostatin-receptor-type-2/250236>