

Rat SSTR2 (Somatostatin receptor type 2) ELISA Kit | SSTR2 elisa kit

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CATALOG #
AAA249835

REACTIVITY
Rat

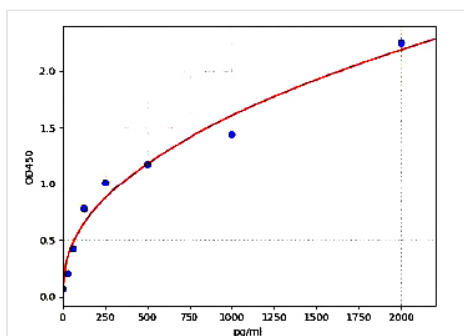
PRODUCT SYNONYMS

SSTR2 (Somatostatin receptor type 2); Rat SSTR2 (Somatostatin receptor type 2) ELISA Kit; Somatostatin receptor type 2; SS-2-R; SS2-R; SS2R; SRIF-1; Ssstr2; SSTR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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

IMAGES



Standard Curve (Sample)

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11225272
NCBI GeneID	54305
NCBI Accession #	NP_062221.1
NCBI GenBank Nucleotide #	NM_019348.1
UniProt Accession #	P30680
Molecular Weight	41,200 Da
NCBI Official Full Name	somatostatin receptor type 2
NCBI Official Synonym Full Names	somatostatin receptor 2
NCBI Official Symbol	Sstr2
NCBI Official Synonym Symbols	Smstr2
NCBI Protein Information	somatostatin receptor type 2; SS2R; SS2-R; SRIF-1; SS-2-R; somatostatin receptor subtype 2; somatotropin release-inhibiting factor receptor
UniProt Protein Name	Somatostatin receptor type 2
UniProt Gene Name	Sstr2
UniProt Synonym Gene Names	SS-2-R; SS2-R; SS2R
UniProt Entry Name	SSR2_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/rat-elisa-kits/sstr2-somatostatin-receptor-type-2/249835>