

Porcine Somatostatin Receptor 1 ELISA Kit | SSTR1 elisa kit

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CATALOG #
AAA91863

REACTIVITY
Porcine

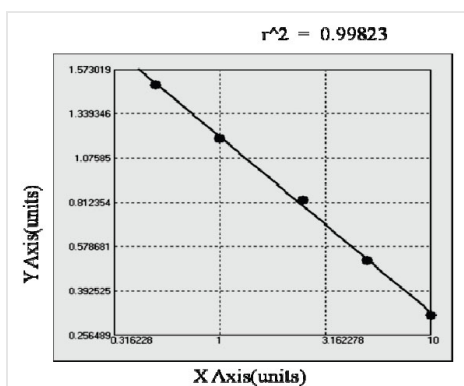
PRODUCT SYNONYMS

Somatostatin Receptor 1; Porcine Somatostatin Receptor 1 ELISA Kit; SSTR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SSTR1 elisa kit

Intended Uses: This SSTR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine SSTR1. This ELISA kit for research use only!

Principle of the Assay: SSTR1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SSTR1 antibody and an SSTR1-HRP conjugate. The assay sample and buffer are incubated together with SSTR1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SSTR1 concentration since SSTR1 from samples and SSTR1-HRP conjugate compete for the anti-SSTR1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SSTR1 from the sample, fewer sites are left to bind SSTR1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SSTR1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32481993
NCBI GeneID	6751
Molecular Weight	42,686 Da
NCBI Official Full Name	somatostatin receptor 1
NCBI Official Synonym Full Names	somatostatin receptor 1
NCBI Official Symbol	SSTR1
NCBI Official Synonym Symbols	SS1R; SS1-R; SRIF-2; SS-1-R
NCBI Protein Information	somatostatin receptor type 1
UniProt Protein Name	Somatostatin receptor type 1
UniProt Gene Name	SSTR1
UniProt Synonym Gene Names	SS-1-R; SS1-R; SS1R
UniProt Entry Name	SSR1_HUMAN

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/sstr1-porcine-elisa-kits/somatostatin-receptor-1/91863>