

Human Somatostatin Receptor 1 ELISA Kit | SSTR1 elisa kit

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CATALOG #
AAA84656

REACTIVITY
Human

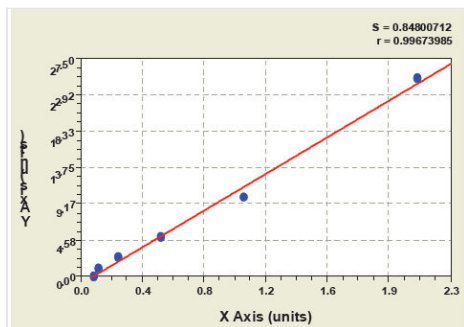
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This SSTR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SSTR1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SSTR1 elisa kit

Principle of the Assay: SSTR1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for SSTR1. Standards or samples are then added to the microtiter plate wells and SSTR1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of SSTR1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for SSTR1 are added to each well to "sandwich" the SSTR1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain SSTR1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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://www.aaabiotech.com/ssr1-human-elisa-kits/somatostatin-receptor-1/84656>