

Human Secretin Receptor ELISA Kit | SCTR elisa kit

Human Secretin Receptor ELISA Kit

CATALOG #
AAA83414

REACTIVITY
Human

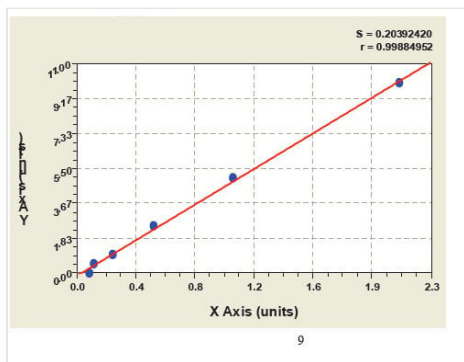
PRODUCT SYNONYMS

Secretin Receptor; Human Secretin Receptor ELISA Kit; SCTR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This SCTR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SCTR. 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 SCTR elisa kit

Principle of the Assay: SCTR ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for SCTR. Standards or samples are then added to the microtiter plate wells and SCTR if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of SCTR present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for SCTR are added to each well to "sandwich" the SCTR 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 SCTR 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 SCTR concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	76167829
NCBI GeneID	3687723
Molecular Weight	33,776 Da
NCBI Official Full Name	SctR
NCBI Official Symbol	sctR
NCBI Protein Information	type III secretion system protein
UniProt Protein Name	SctR
UniProt Gene Name	sctR
UniProt Synonym Gene Names	CTA_0612
UniProt Entry Name	Q3KLD5_CHLTA

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/sctr-human-elisa-kits/secretin-receptor/83414>