

Bovine Secretin Receptor ELISA Kit | SCTR elisa kit

Bovine Secretin Receptor ELISA Kit

CATALOG #
AAA89677

REACTIVITY
Bovine

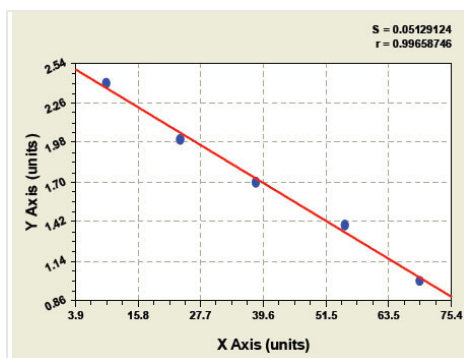
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This SCTR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine 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 competitive enzyme immunoassay technique utilizing a monoclonal anti-SCTR antibody and an SCTR-HRP conjugate. The assay sample and buffer are incubated together with SCTR-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 SCTR concentration since SCTR from samples and SCTR-HRP conjugate compete for the anti-SCTR antibody binding site. Since the number of sites is limited, as more sites are occupied by SCTR from the sample, fewer sites are left to bind SCTR-HRP conjugate. 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.

Product Categories/Family for SCTR elisa kit

[Signal Transduction](#)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sctr-bovine-ovine-elisa-kits/secretin-receptor/89677>