

Porcine Secretin ELISA Kit | SCT elisa kit

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CATALOG #
AAA90542

REACTIVITY
Porcine

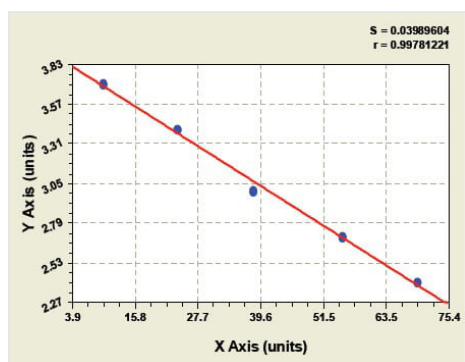
PRODUCT SYNONYMS

Secretin; Porcine Secretin ELISA Kit; SCT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCT elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This SCT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine SCT. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY SCT ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SCT antibody and an SCT-HRP conjugate. The assay sample and buffer are incubated together with SCT-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 SCT concentration since SCT from samples and SCT-HRP conjugate compete for the anti-SCT antibody binding site. Since the number of sites is limited, as more sites are occupied by SCT from the sample, fewer sites are left to bind SCT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SCT concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11138667
NCBI GeneID	6343
Molecular Weight	13,016 Da
NCBI Official Full Name	secretin
NCBI Official Synonym Full Names	secretin
NCBI Official Symbol	SCT
NCBI Protein Information	secretin; prepro-secretin
UniProt Protein Name	Secretin
UniProt Gene Name	SCT
UniProt Entry Name	SECR_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/sct-porcine-elisa-kits/secretin/90542>