

Porcine Small cell carcinoma ELISA Kit | SCC elisa kit

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CATALOG #
AAA93896

REACTIVITY
Porcine

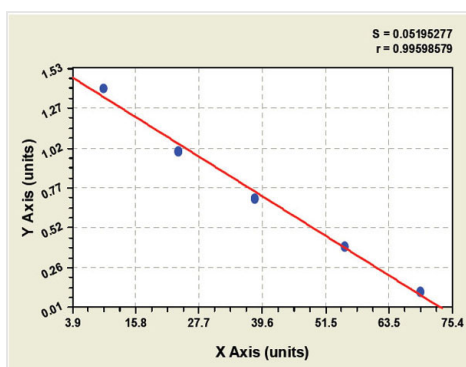
PRODUCT SYNONYMS

Small cell carcinoma; Porcine Small cell carcinoma ELISA Kit; SCC 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 SCC elisa kit

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

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

Product Categories/Family for SCC elisa kit

Cancer

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/scc-porcine-elisa-kits/small-cell-carcinoma/93896>