

Rat Steroid producing cell autoantibody ELISA Kit | SCA elisa kit

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CATALOG #
AAA83349

REACTIVITY
Rat

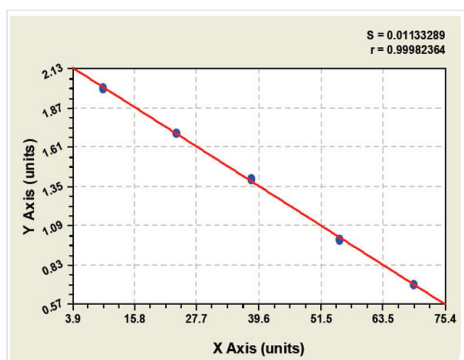
PRODUCT SYNONYMS

Steroid producing cell autoantibody; Rat Steroid producing cell autoantibody ELISA Kit; SCA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000ng/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 SCA elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This SCA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat SCA. This ELISA kit for research use only! PRINCIPLE OF THE ASSAYSCA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SCA antibody and an SCA-HRP conjugate. The assay sample and buffer are incubated together with SCA-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 SCA concentration since SCA from samples and SCA-HRP conjugate compete for the anti-SCA antibody binding site. Since the number of sites is limited, as more sites are occupied by SCA from the sample, fewer sites are left to bind SCA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SCA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SCA elisa kit	Cell Biology

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/sca-rat-elisa-kits/steroid-producing-cell-autoantibody/83349>