

Sheep Salivary duct autoantibody ELISA Kit | SDA elisa kit

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CATALOG #
AAA89071

REACTIVITY
Sheep

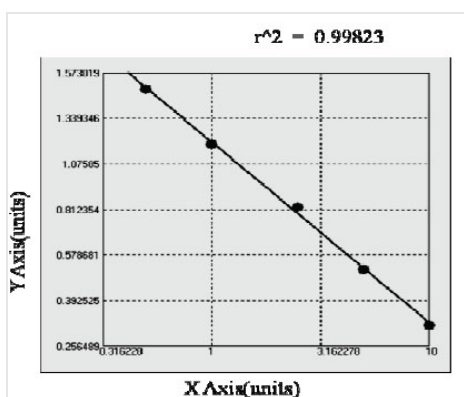
PRODUCT SYNONYMS

Salivary duct autoantibody; Sheep Salivary duct autoantibody ELISA Kit; SDA elisa kit

PRODUCT SPECIFICATIONS

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

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

Product Categories/Family for SDA elisa kit	Immunology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	154686829
NCBI Accession #	YP_001421990.1
NCBI GenBank Nucleotide #	NC_009725.1
Molecular Weight	5,440 Da
NCBI Official Full Name	Sda
UniProt Protein Name	Sda
UniProt Gene Name	sda
UniProt Synonym Gene Names	RBAM_023990
UniProt Entry Name	A7Z6Y3_BACA2

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/sda-sheep-elisa-kits/salivary-duct-autoantibody/89071>