

Sheep Anti-soluble liver antigen ELISA Kit | SLA elisa kit

Sheep Anti-soluble liver antigen ELISA Kit

CATALOG #
AAA89699

REACTIVITY
Sheep

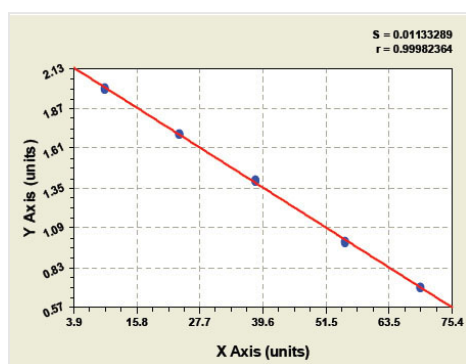
PRODUCT SYNONYMS

Anti-soluble liver antigen; Sheep Anti-soluble liver antigen ELISA Kit; SLA elisa kit

PRODUCT SPECIFICATIONS

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

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

Product Categories/Family for SLA elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	7652498
NCBI GeneID	51091
Molecular Weight	55,411 Da
NCBI Official Full Name	soluble liver antigen/liver pancreas antigen
NCBI Official Synonym Full Names	Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase
NCBI Official Symbol	SEPSECS
NCBI Official Synonym Symbols	LP; SLA; PCH2D; SLA/LP
NCBI Protein Information	O-phosphoseryl-tRNA(Sec) selenium transferase; O-phosphoseryl-tRNA(Sec) selenium transferase; SLA-p35; SLA/LP autoantigen; soluble liver antigen; liver-pancreas antigen; UGA suppressor tRNA-associated protein; tRNA(Ser/Sec)-associated antigenic protein; soluble liver antigen/liver pancreas antigen
UniProt Protein Name	O-phosphoseryl-tRNA(Sec) selenium transferase
UniProt Gene Name	SEPSECS
UniProt Synonym Gene Names	TRNP48; LP; Sec synthase; SepSecS; SLA
UniProt Entry Name	SPCS_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/sla-sheep-elisa-kits/anti-soluble-liver-antigen/89699>