

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

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CATALOG #
AAA86019

REACTIVITY
Rat

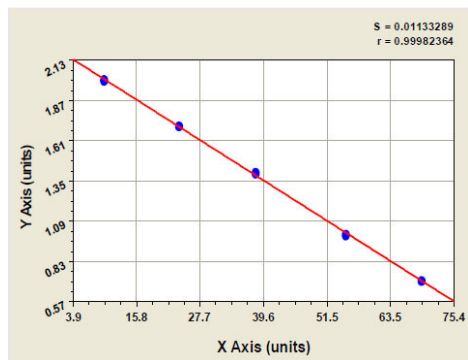
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50u/mL
Sensitivity	1.0u/ml
Intended Uses	This SLA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat 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.

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-rat-elisa-kits/anti-soluble-liver-antigen/86019>