

Human Anti soluble liver antigen ELISA Kit | SLA elisa kit

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CATALOG #
AAA86394

REACTIVITY
Human

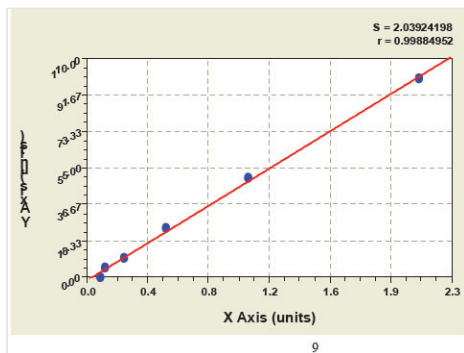
PRODUCT SYNONYMS

Anti soluble liver antigen; Human Anti soluble liver antigen ELISA Kit; SLA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	10-250U/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 Human 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 quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for SLA. Standards or samples are then added to the microtiter plate wells and SLA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of SLA present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for SLA are added to each well to "sandwich" the SLA immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain SLA and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.