

Monkey Liver specific lipoprotein ELISA Kit | LSP elisa kit

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CATALOG #
AAA91366

REACTIVITY
Monkey

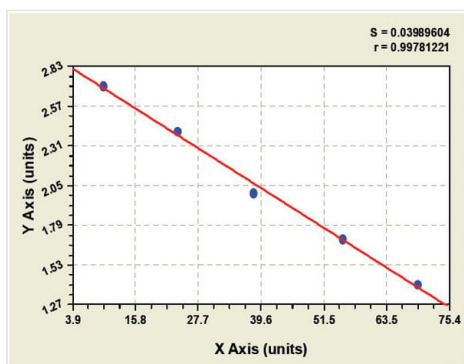
PRODUCT SYNONYMS

Liver specific lipoprotein; Monkey Liver specific lipoprotein ELISA Kit; LSP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	581127
UniProt Accession #	P00804
Molecular Weight	18,156 Da
NCBI Official Full Name	lsp, partial
UniProt Protein Name	Lipoprotein signal peptidase
UniProt Gene Name	lspA
UniProt Synonym Gene Names	lsp; b0027; JW0025; SPase II
UniProt Entry Name	LSPA_ECOLI

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.