

Canine Liver specific lipoprotein ELISA Kit | LSP elisa kit

Canine Liver specific lipoprotein ELISA Kit

CATALOG #
AAA91874

REACTIVITY
Canine

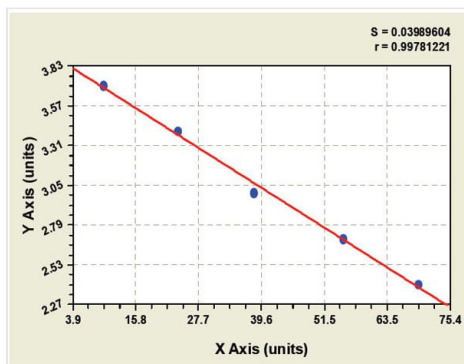
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
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

Intended Uses: This LSP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine 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
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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	IspA
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.

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 Online datasheet: <https://stage.aaabiotech.com/lsp-canine-elisa-kits/liver-specific-lipootein/91874>