

Monkey Lipopolysaccharide binding protein ELISA Kit | LBP elisa kit

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CATALOG #
AAA17021

REACTIVITY
Monkey

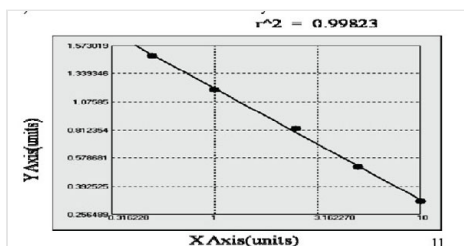
PRODUCT SYNONYMS

Lipopolysaccharide binding protein; Monkey Lipopolysaccharide binding protein ELISA Kit; LBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LBP elisa kit

Intended Uses: This LBP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey LBP. This ELISA kit for research use only!

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

Product Categories/Family for LBP elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	31652249
NCBI GeneID	3929
NCBI Accession #	NP_004130.2
NCBI GenBank Nucleotide #	NM_004139.4
Molecular Weight	53,384 Da
NCBI Official Full Name	lipopolysaccharide-binding protein
NCBI Official Synonym Full Names	lipopolysaccharide binding protein
NCBI Official Symbol	LBP
NCBI Official Synonym Symbols	BPIFD2
NCBI Protein Information	lipopolysaccharide-binding protein; LPS-binding protein; BPI fold containing family D, member 2
UniProt Protein Name	Lipopolysaccharide-binding protein
UniProt Gene Name	LBP
UniProt Synonym Gene Names	LBP
UniProt Entry Name	LBP_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/lbp-monkey-elisa-kits/lipopolysaccharide-binding-protein/17021>