

Mouse LBP ELISA Kit | LBP elisa kit

Mouse LBP ELISA Kit

CATALOG # AAA106084	REACTIVITY Mouse	APPLICATIONS ELISA
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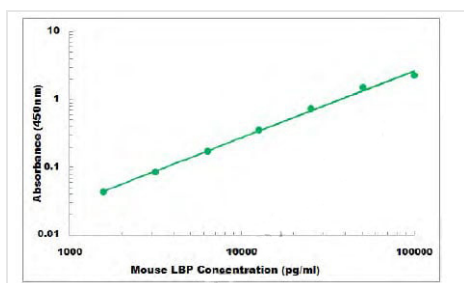
PRODUCT SYNONYMS

LBP; Mouse LBP ELISA Kit; Lipopolysaccharide-binding protein; LBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse IL-1 beta ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse IL-1 beta proteins within the range of 31.2 pg/ml-2,000 pg/ml.
Sequence Length	481
Samples	Cell Culture Supernatants, Serum, Plasma, Tissue Homogenates
Sensitivity	15 pg/ml.
Applicable Applications for LBP elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LBP elisa kit	Principle of the Assay: MBS Mouse IL-1 beta ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse IL-1 beta in Cell Culture Supernatants, Serum, Plasma, Tissue Homogenates. This assay employs an antibody specific for Mouse IL-1 beta coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-1 beta present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse IL-1 beta antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of IL-1 beta bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm!!Background/Introduction: Interleukin-1beta (IL-1beta) is a potent stimulator of bone resorption whose gene is mapped to 2q14, and has been implicated in the pathogenesis of high bone turnover and osteoporosis. IL-1beta, a prominent microglia-derived cytokine, caused oligodendrocyte death in coculture with astrocytes and microglia, but not in pure culture of oligodendrocytes alone. It also can cause nuclear export of a specific NCOR corepressor complex, resulting in derepression of a specific subset of nuclear factor-kappa-B (NFKB)-regulated genes. Furthermore, Microenvironmental IL-1beta and, to a lesser extent, IL-1alpha are required for in vivo angiogenesis and invasiveness of different tumor cells. Additional, the cooperation of IL-1beta and PDGFB induces contractile-to-synthetic phenotype modulation of human aortic smooth muscle cells in culture. Moreover, the association with disease may be explained by the biologic properties of IL-1beta, which is an important proinflammatory cytokine and a powerful inhibitor of gastric acid secretion.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	113865991
NCBI GeneID	16803
NCBI Accession #	NP_032515.2
NCBI GenBank Nucleotide #	NM_008489.2
UniProt Accession #	Q61805; Q99KA0; A2AC66
Molecular Weight	53,055 Da
NCBI Official Full Name	lipopolysaccharide-binding protein
NCBI Official Synonym Full Names	lipopolysaccharide binding protein
NCBI Official Symbol	Lbp
NCBI Official Synonym Symbols	Ly88; Bpifd2
NCBI Protein Information	lipopolysaccharide-binding protein
UniProt Protein Name	Lipopolysaccharide-binding protein
UniProt Gene Name	Lbp
UniProt Synonym Gene Names	LBP
UniProt Entry Name	LBP_MOUSE

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/mouse-elisa-kits/lbp/106084>