

## Human LBP AccuSignal ELISA Kit - KOA0747

**Code:** KOA0747

**Size:** 1 Kit

**Product Description:** Human LBP AccuSignal ELISA Kit - KOA0747

**PhysicalState:**

<b>Label</b>	Unconjugated
<b>Gene Name</b>	LBP
<b>Species Reactivity</b>	Human
<b>Storage Condition</b>	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
<b>Synonyms</b>	BPI fold containing family D member 2, Bpifd2, LBP, LBP_HUMAN, LBP1, Lipopolysaccharide binding protein, Lipopolysaccharide-binding protein, LPS binding protein, Ly88, MGC22233, OTTHUMP0000030965, RP23-407H16.4
<b>Application Note</b>	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 100ng/ml, 50ng/ml, 25ng/ml, 1.25ng/ml, 6.25ng/ml, 3.12ng/ml, 1.56ng/ml human LBP standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates, serum or plasma (heparin, EDTA) to each empty well. We recommend that each human LBP standard solution and each sample is measured in duplicate.
<b>Background</b>	Lipopolysaccharide binding protein is a protein that in humans is encoded by the LBP gene. This gene is mapped to 20q11.23. LBP is a soluble acute-phase protein that binds to bacterial lipopolysaccharide (or LPS) to elicit immune responses by presenting the LPS to important cell surface pattern recognition receptors called CD14 and TLR4. It is present in the cerebrospinal fluid of patients with pneumococcal meningitis. The protein encoded by this gene is involved in the acute-phase immunologic response to gram-negative bacterial infections. LBP is made in the liver during the acute phase of infections and is thought to function as a carrier for LPS and to help control LPS-dependent monocyte responses.
<b>Purity And Specificity</b>	Natural and recombinant human LBP. There is no detectable cross-reactivity with other relevant proteins.
<b>ELISA</b>	1.56ng/ml-100ng/ml
<b>Expiration</b>	See kit insert for complete instructions.
<b>Immunogen</b>	Expression system for standard: NSO; Immunogen sequence: A26-V481
<b>Anti-Coagulant</b>	Heparin Sodium

**Related Products**

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

**Related Links**

UniProtKB - P18428

<http://www.uniprot.org/uniprot/P18428>

 NCBI - [http://www.ncbi.nlm.nih.gov/protein/NP\\_004130.2](http://www.ncbi.nlm.nih.gov/protein/NP_004130.2)  
 NP\_004130.2

GeneID - 3929

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=3929>

## **Disclaimer**

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