

Rat LBP Antibody Pair Set

Catalog No.	E-KAB-0692	Applications	ELISA
Synonyms	LPS-Binding Protein;Lipopolysaccharide Binding Protein;Lipopolysaccharide-Binding Protein;BPI Fold Containing Family D,Member 2;BPIFD2		

Kit components & Storage

Title	Specifications	Storage
Rat LBP Capture Antibody	1 vial, 100 µg	Store at -20℃. Avoid freeze / thaw cycles.
Rat LBP Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20℃. Avoid freeze / thaw cycles.

Note: Centrifuge before opening to ensure complete recovery of vial contents.

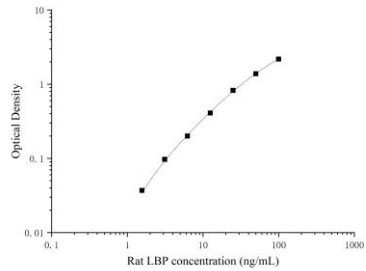
Product Information

Items		Characteristic (E-KAB-0692)	
		Rat LBP Capture Antibody	Rat LBP Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Rat LBP protein	Recombinant Rat LBP protein
	Swissprot	Q63313	
Product details	Reactivity	Rat	Rat
	Host	Rabbit	Rabbit
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Affinity purification	Affinity purification
	Specificity	Detects Rat LBP in ELISAs.	

For Research Use Only

Applications

Rat LBP Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4ug/mL	Rat LBP Capture Antibody	
ELISA Detection	1:1000-1:10000	Rat LBP Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

LPS-binding protein (LBP) is a protein that binds to the lipid A moiety of bacterial lipopolysaccharides (LPS), which is a glycolipid present in the outer membrane of all Gram-negative bacteria. It is involved in the immunological response to infections of Gram-negative bacteria, together with bactericidal permeability-increasing protein (BPI). LBP also interacts with the CD14 receptor and enhances its association with LPS. LBP is associated with diseases including bacterial sepsis, and is related to cytokine release in response to bacteria in immune system.

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