Mouse LBP Antibody Pair Set

Catalog No. E-KAB-0353 **Applications** ELISA
Synonyms LBP, BPIFD2

Kit components & Storage

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

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

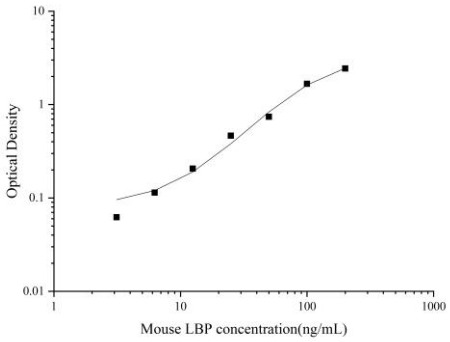
Product Information

Items		Characteristic (E-KAB-0353)	
		Mouse LBP Capture Antibody	Mouse LBP Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse LBP protein	Recombinant Mouse LBP protein
	Swissprot	Q61805	
Product details	Reactivity	Mouse	Mouse
	Host	Sheep	Sheep
	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	Antigen Affinity	Antigen Affinity
	Specificity	Detects Mouse LBP in ELISAs.	

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

Applications

Mouse LBP Sandwich ELISA Assay:

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

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

Background

Lipopolysaccharide-binding protein (LBP),a 58kDa glycoprotein synthesized in hepatocytes,belongs to a family of lipid-binding proteins that includes bactericidal/permeability increasing protein (BPI),phospholipid ester transfer protein (PLTP),and cholesterol ester transfer protein (CETP). LBP binds to the lipidA portion of lipopolysaccharide (LPS) to facilitate the process of LPS monomerization,catalyzes the binding of LPS monomers to CD14,and promotes LPS-induced immune response.

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