



## Product Information

### Mouse lipopolysaccharide-binding protein (LBP) ELISA kit (50-100 µL)

**Cat. No.:** X23-10-YM099

**Size:** 96T; 96T\*2

**Synonym:** Mouse LBP ELISA kit

**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

<b>Description</b>	Mouse lipopolysaccharide-binding protein (LBP) ELISA kit is an enzyme-linked immunosorbent assay for the quantitative detection of mouse LBP in samples and its detection range is 50-100 µL.
<b>Assay Principle</b>	Mouse lipopolysaccharide-binding protein (LBP) ELISA kit is based on the Enzyme-Linked Immunosorbent Assay (ELISA) technique, specifically the sandwich ELISA method. The mouse LBP monoclonal antibody is pre-coated on the enzyme-linked plate. After adding the sample and biotinylated antibody to the plate, followed by washing with PBS or TBS, the plate is then incubated with peroxidase-labeled avidin. After thorough washing with PBS or TBS, the substrate TMB is added for color development. TMB, catalyzed by the peroxidase, turns blue and is transformed into the final yellow color under acidic conditions. The intensity of the color is directly proportional to the concentration of the target factor in the sample.
<b>ELISA Type</b>	Sandwich ELISA kit
<b>Assay Type</b>	Sandwich ELISA kit
<b>Assay Target</b>	LBP
<b>Species Reactivity</b>	Mouse
<b>Components</b>	Pre-coated 96-well plates; Standard; Concentrated biotinylated antibody; Concentrated ABC (avidin-biotin-peroxidase complex); Enzyme-conjugate diluent ABC; Antibody diluent; Standard diluent; Concentrated wash buffer; Chromogen solution A; Chromogen solution B; Stop solution
<b>Sample Type</b>	Serum, plasma, cell culture supernatant and tissue samples
<b>Detection Method</b>	Colorimetric, OD 450 nm
<b>Assay Range</b>	50-100 µL
<b>Precision (Intra-Assay)</b>	CV <8%
<b>Precision (Inter-Assay)</b>	CV <10%
<b>Recovery</b>	85-110%
<b>Applications</b>	Mouse lipopolysaccharide-binding protein (LBP) ELISA kit can be used to measure the level of mouse LBP in serum, plasma, cell culture supernatant and tissue samples.



**Storage**

Store at 2-8°C.

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