



Product Information

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

Cat. No.: X23-10-YM026

Size: 96T; 96T*2

Synonym: Chicken LBP ELISA kit

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

Product Information

Description	Chicken lipopolysaccharide-binding protein (LBP) ELISA kit is an enzyme-linked immunosorbent assay for the quantitative detection of chicken LBP in samples and its detection range is 50-100 µL.
Assay Principle	Chicken lipopolysaccharide-binding protein (LBP) ELISA kit is based on the sandwich enzyme-linked immunosorbent assay (ELISA) technique. Monoclonal antibodies against chicken LBP are precoated on the microplate. After the sample and biotinylated antibodies are added to the plate and allowed to react, the plate is washed with PBS or TBS. Then, a peroxidase-conjugated avidin is added and allowed to react, followed by thorough washing with PBS or TBS. Subsequently, a TMB substrate is added for color development. TMB turns blue in the presence of the peroxidase enzyme and is converted to 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.
ELISA Type	Sandwich ELISA kit
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Assay Target	LBP
Species Reactivity	Chicken
Components	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
Sample Type	Serum, plasma, cell culture supernatant and tissue samples
Detection Method	Colorimetric, OD 450 nm
Assay Range	50-100 µL
Precision (Intra-Assay)	CV <8%
Precision (Inter-Assay)	CV <10%
Recovery	85-110%
Cross-reactivity	No significant cross-reactivity or interference was observed.
Applications	Chicken lipopolysaccharide-binding protein (LBP) ELISA kit can be used to measure the level of



chicken LBP in serum, plasma, cell culture supernatant and tissue samples.

Storage

Store at 2-8°C.
