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Product Datasheet

Cattle Lipopolysaccharide Binding Protein (LBP) ELISA Kit BYT-ORB2667469

Artikelname	Cattle Lipopolysaccharide Binding Protein (LBP) ELISA Kit
Artikelnummer	BYT-ORB2667469
Hersteller Artikelnummer	orb2667469
Alternativnummer	BYT-ORB2667469-48,BYT-ORB2667469-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Produktbeschreibung	Cattle Lipopolysaccharide Binding Protein (LBP) ELISA Kit...
Detektionsbereich	0.78-50 µg/mL
Sensitivitaet	0.29 µg/mL
UniProt	Q2TBI0
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 50 µg/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cattle LBP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle LBP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Cattle LBP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Cattle LBP in the samples is then determined by comparing the OD of the samples to the standard curve