

Product Datasheet

Bovine LPS ELISA Kit (orb782220)

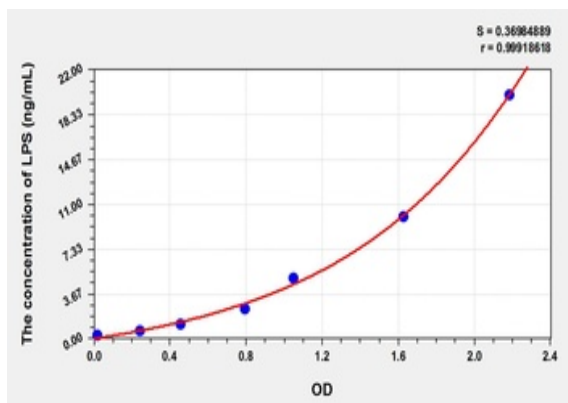
Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Lipopolysaccharide(LPS).
Reactivity	Bovine
Range	0.32-20 ng/mL
Tested Applications	ELISA
Concentration	20 ng/mL
Note	For research use only
Application notes	standard: 20 ng/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 LPS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle LPS. 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 LPS, 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 \pm 10nm. The concentration of Cattle LPS in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Sensitivity	0.126ng/mL
Expiration Date	Please enquire.

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