

Product Datasheet

Cattle PSPB(Pregnancy Specific Protein B) ELISA Kit (orb1817306)

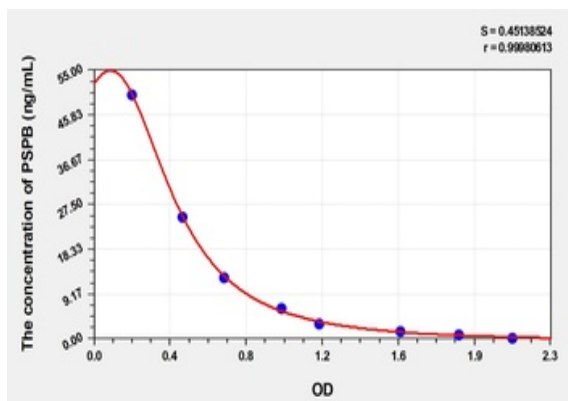
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Cattle PSPB protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle PSPB. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 PSPB in the samples is then determined by comparing the OD of the samples to the standard curve.
Reactivity	Bovine
Range	0.78-50 ng/mL
Concentration	50 ng/mL
Note	For research use only
Application notes	standard: 50 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Cattle PSPB protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle PSPB. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 PSPB in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	serum, plasma and other biological fluids
Sensitivity	0.29 ng/mL
Expiration Date	Please enquire.

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