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Product Datasheet

Cattle PSPB(Pregnancy Specific Protein B) ELISA Kit EBT-ELK0478

Article Name	Cattle PSPB(Pregnancy Specific Protein B) ELISA Kit
Biozol Catalog Number	EBT-ELK0478
Supplier Catalog Number	ELK0478
Alternative Catalog Number	EBT-ELK0478-96, EBT-ELK0478-48, EBT-ELK0478-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	50 ng/mL
Range	0.78-50 ng/mL
Sensitivity	0.29 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2.5h. Research Area: Signal transduction, Cardiovascular, Cancer, Metabolism. 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. 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 10nm. The concentration of Cattle PSPB in the samples is then determined by comparing the OD of the samples to the standard curve