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Product Datasheet

Cattle TSP-1(Thrombospondin-1) ELISA Kit EBT-ELK10705

Article Name	Cattle TSP-1(Thrombospondin-1) ELISA Kit
Biozol Catalog Number	EBT-ELK10705
Supplier Catalog Number	ELK10705
Alternative Catalog Number	EBT-ELK10705-96, EBT-ELK10705-96X5, EBT-ELK10705-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.43 ng/mL
UniProt	Q28178
Samples	Serum and plasma

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity, Hematology,. 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 TSP-1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle TSP-1. 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 TSP-1, 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 TSP-1 in the samples is then determined by comparing the OD of the samples to the standard curve