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## Product Datasheet

### Cattle TGFb1(Transforming Growth Factor Beta 1) ELISA Kit EBT-ELK5467

Article Name	Cattle TGFb1(Transforming Growth Factor Beta 1) ELISA Kit
Biozol Catalog Number	EBT-ELK5467
Supplier Catalog Number	ELK5467
Alternative Catalog Number	EBT-ELK5467-96, EBT-ELK5467-48, EBT-ELK5467-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	4.8 pg/mL
UniProt	<a href="#">P18341</a>
Samples	serum, platelet-poor plasma, cell culture supernates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Cytokine, Tumor immunity, Infection immunity,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Cattle TGFb1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle TGFb1. 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 TGFb1 in the samples is then determined by comparing the OD of the samples to the standard curve