

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **Cattle IGFBP4(Insulin Like Growth Factor Binding Protein 4) ELISA Kit EBT-ELK10693**

Article Name	Cattle IGFBP4(Insulin Like Growth Factor Binding Protein 4) ELISA Kit
Biozol Catalog Number	EBT-ELK10693
Supplier Catalog Number	ELK10693
Alternative Catalog Number	EBT-ELK10693-96, EBT-ELK10693-96X5, EBT-ELK10693-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.56 ng/mL
UniProt	<a href="#">Q05716</a>
Samples	Serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Apoptosis, Tumor 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 IGFBP4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle IGFBP4. 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 IGFBP4 in the samples is then determined by comparing the OD of the samples to the standard curve