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## Product Datasheet

### **Cattle CTXI(Cross Linked C-Telopeptide Of Type I Collagen) ELISA Kit EBT-ELK9713**

Article Name	Cattle CTXI(Cross Linked C-Telopeptide Of Type I Collagen) ELISA Kit
Biozol Catalog Number	EBT-ELK9713
Supplier Catalog Number	ELK9713
Alternative Catalog Number	EBT-ELK9713-96, EBT-ELK9713-48, EBT-ELK9713-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	10000 pg/mL
Range	156.25-10000 pg/mL
Sensitivity	52.2 pg/mL
Samples	serum, plasma and other biological fluids

Application Notes

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