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## Product Datasheet

### Cattle POSTN(Periostin) ELISA Kit EBT-ELK11004

Article Name	Cattle POSTN(Periostin) ELISA Kit
Biozol Catalog Number	EBT-ELK11004
Supplier Catalog Number	ELK11004
Alternative Catalog Number	EBT-ELK11004-96, EBT-ELK11004-48, EBT-ELK11004-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	500 ng/mL
Range	7.82-500 ng/mL
Sensitivity	2.12 ng/mL
Samples	serum, plasma and other biological fluids

## Application Notes

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