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## Product Datasheet

### Horse PIINP(Procollagen II N-Terminal Propeptide) ELISA Kit EBT-ELK10706

Article Name	Horse PIINP(Procollagen II N-Terminal Propeptide) ELISA Kit
Biozol Catalog Number	EBT-ELK10706
Supplier Catalog Number	ELK10706
Alternative Catalog Number	EBT-ELK10706-96, EBT-ELK10706-96X5, EBT-ELK10706-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Equine
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.063 ng/mL
Samples	Serum, plasma and other biological fluids.

Application Notes

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