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## Product Datasheet

### Mouse P1NP(Procollagen 1 N-Terminal Propeptide) ELISA Kit EBT-ELK10641

Article Name	Mouse P1NP(Procollagen 1 N-Terminal Propeptide) ELISA Kit
Biozol Catalog Number	EBT-ELK10641
Supplier Catalog Number	ELK10641
Alternative Catalog Number	EBT-ELK10641-96, EBT-ELK10641-96X5, EBT-ELK10641-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.5662 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Hepatology, 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 Mouse P1NP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse P1NP. 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 Mouse P1NP, 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 Mouse P1NP in the samples is then determined by comparing the OD of the samples to the standard curve