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Product Datasheet

Rat PIINP(Procollagen II N-Terminal Propeptide) ELISA Kit EBT-ELK2574

Article Name	Rat PIINP(Procollagen II N-Terminal Propeptide) ELISA Kit
Biozol Catalog Number	EBT-ELK2574
Supplier Catalog Number	ELK2574
Alternative Catalog Number	EBT-ELK2574-96, EBT-ELK2574-48, EBT-ELK2574-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.118 ng/mL
Samples	Serum, plasma, tissue homogenates 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 Rat PIINP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat PIINP in the samples is then determined by comparing the OD of the samples to the standard curve