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Product Datasheet

Human P1NP(Procollagen 1 N-Terminal Propeptide) ELISA Kit EBT-ELK10640

Artikelname	Human P1NP(Procollagen 1 N-Terminal Propeptide) ELISA Kit
Artikelnummer	EBT-ELK10640
Hersteller Artikelnummer	ELK10640
Alternativnummer	EBT-ELK10640-96, EBT-ELK10640-96X5, EBT-ELK10640-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	100 ng/mL
Detektionsbereich	1.56-100 ng/mL
Sensitivitaet	0.61 ng/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

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 Human P1NP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human P1NP in the samples is then determined by comparing the OD of the samples to the standard curve