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## Product Datasheet

### Human Procollagen II N-Terminal Propeptide (PIINP) ELISA Kit BYT-ORB776437

Article Name	Human Procollagen II N-Terminal Propeptide (PIINP) ELISA Kit
Biozol Catalog Number	BYT-ORB776437
Supplier Catalog Number	orb776437
Alternative Catalog Number	BYT-ORB776437-48, BYT-ORB776437-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	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 Procollagen II N-Terminal Propeptide(PIINP)....
Concentration	6000 pg/mL
Range	93.75-6000 pg/mL
Sensitivity	38.33 pg/mL
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

Application Notes: standard: 6000 pg/mL. 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 PIINP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human PIINP in the samples is then determined by comparing the OD of the samples to the standard curve