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Product Datasheet

Human Type IIA Collagen N-Propeptide (PIIANP) ELISA Kit BYT-ORB782603

Article Name	Human Type IIA Collagen N-Propeptide (PIIANP) ELISA Kit
Biozol Catalog Number	BYT-ORB782603
Supplier Catalog Number	orb782603
Alternative Catalog Number	BYT-ORB782603-48, BYT-ORB782603-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Type IIA Collagen N-Propeptide(PIIANP) protein. Standards or samples are added to the appropriate microtite...
Concentration	1000 ng/mL
Range	15.6-1000 ng/mL
Sensitivity	5.9 ng/mL
Samples	Serum, plasma, other biological fluids

Application Notes

Application Notes: standard: 1000 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human PIIANP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PIIANP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 PIIANP in the samples is then determined by comparing the OD of the samples to the standard curve