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## Product Datasheet

### Rat Procollagen II C-Terminal Propeptide (PIICP) ELISA Kit BYT-ORB776273

Article Name	Rat Procollagen II C-Terminal Propeptide (PIICP) ELISA Kit
Biozol Catalog Number	BYT-ORB776273
Supplier Catalog Number	orb776273
Alternative Catalog Number	BYT-ORB776273-48, BYT-ORB776273-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
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 C-Terminal Propeptide(PIICP)....
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	12.3 pg/mL
Samples	Serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 2000 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 Rat PIICP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat PIICP. 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 PIICP, 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 PIICP in the samples is then determined by comparing the OD of the samples to the standard curve