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## Product Datasheet

### Rat Procollagen 1 N-Terminal Propeptide (P1NP) ELISA Kit BYT-ORB1806823

Article Name	Rat Procollagen 1 N-Terminal Propeptide (P1NP) ELISA Kit
Biozol Catalog Number	BYT-ORB1806823
Supplier Catalog Number	orb1806823
Alternative Catalog Number	BYT-ORB1806823-48,BYT-ORB1806823-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Procollagen 1 N-Terminal Propeptide (P1NP) ELISA Kit...
Range	62.5-4000pg/mL
Sensitivity	37.50 pg/mL
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	P1NP

Application Notes

Application Notes: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat P1NP. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat P1NP and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat P1NP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm. The OD value is proportional to the concentration of Rat P1NP. You can calculate the concentration of Rat P1NP in the samples by comparing the OD of the samples to the standard curve