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Product Datasheet

Rat Procollagen 1 N-Terminal Propeptide (P1NP) ELISA Kit BYT-ORB781501

Artikelname	Rat Procollagen 1 N-Terminal Propeptide (P1NP) ELISA Kit
Artikelnummer	BYT-ORB781501
Hersteller Artikelnummer	orb781501
Alternativnummer	BYT-ORB781501-48, BYT-ORB781501-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	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 I N-Terminal Propeptide(PINP)....
Konzentration	200 ng/mL
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	1.18 ng/mL
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 200 ng/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 P1NP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat P1NP in the samples is then determined by comparing the OD of the samples to the standard curve