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Product Datasheet

Rat Collagen Type I (COL1) ELISA Kit BYT-ORB776481

Artikelname	Rat Collagen Type I (COL1) ELISA Kit
Artikelnummer	BYT-ORB776481
Hersteller Artikelnummer	orb776481
Alternativnummer	BYT-ORB776481-48, BYT-ORB776481-96
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 Collagen Type I(COL1)....
Konzentration	40 ng/mL
Detektionsbereich	0.63-40 ng/mL
Sensitivitaet	0.233 ng/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 40 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 COL1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat COL1. 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 COL1, 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 COL1 in the samples is then determined by comparing the OD of the samples to the standard curve