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Product Datasheet

Human Collagen Type X (COL10) ELISA Kit BYT-ORB776908

Artikelname	Human Collagen Type X (COL10) ELISA Kit
Artikelnummer	BYT-ORB776908
Hersteller Artikelnummer	orb776908
Alternativnummer	BYT-ORB776908-48, BYT-ORB776908-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
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 X(COL10)....
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.117 ng/mL
UniProt	Q9Y6Z7
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 20 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 Human COL10. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human COL10. 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 Human COL10, 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 Human COL10 in the samples is then determined by comparing the OD of the samples to the standard curve