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## Product Datasheet

### Human COL1A1(Pro-Collagen I alpha 1) Microsample ELISA Kit BYT-ORB2997355

Artikelname	Human COL1A1(Pro-Collagen I alpha 1) Microsample ELISA Kit
Artikelnummer	BYT-ORB2997355
Hersteller Artikelnummer	orb2997355
Alternativnummer	BYT-ORB2997355-48,BYT-ORB2997355-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Produktbeschreibung	Human COL1A1(Pro-Collagen I alpha 1) Microsample ELISA Kit...
Detektionsbereich	39.07-2500 pg/mL
Sensitivitaet	16 pg/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Application Notes: 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 COL1A1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human COL1A1. 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 COL1A1, 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 COL1A1 in the samples is then determined by comparing the OD of the samples to the standard curve