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Product Datasheet

Human COL10(Collagen Type X) ELISA Kit EBT-ELK3044

Artikelname	Human COL10(Collagen Type X) ELISA Kit
Artikelnummer	EBT-ELK3044
Hersteller Artikelnummer	ELK3044
Alternativnummer	EBT-ELK3044-96, EBT-ELK3044-48, EBT-ELK3044-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
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

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Developmental science, Nutrition metabolism, Bone metabolism,. 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