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Product Datasheet

Human COL6a3(Collagen Type VI Alpha 3) ELISA Kit EBT-ELK3613

Artikelname	Human COL6a3(Collagen Type VI Alpha 3) ELISA Kit
Artikelnummer	EBT-ELK3613
Hersteller Artikelnummer	ELK3613
Alternativnummer	EBT-ELK3613-96, EBT-ELK3613-48, EBT-ELK3613-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	11.8 pg/mL
UniProt	P12111
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 COL6a3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human COL6a3. 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 COL6a3, 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 COL6a3 in the samples is then determined by comparing the OD of the samples to the standard curve