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Product Datasheet

Human COL11a2(Collagen Type XI Alpha 2) Microsample ELISA Kit EBT-ELK5095MS

Artikelname	Human COL11a2(Collagen Type XI Alpha 2) Microsample ELISA Kit
Artikelnummer	EBT-ELK5095MS
Hersteller Artikelnummer	ELK5095MS
Alternativnummer	EBT-ELK5095MS-96, EBT-ELK5095MS-48, EBT-ELK5095MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.068 ng/mL
UniProt	P13942
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 COL11a2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human COL11a2. 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 COL11a2, 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 COL11a2 in the samples is then determined by comparing the OD of the samples to the standard curve