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## Product Datasheet

### Human COL11a1(Collagen Type XI Alpha 1) ELISA Kit EBT-ELK3110

|                          |   |
|--------------------------|---|
| Artikelname              | Human COL11a1(Collagen Type XI Alpha 1) ELISA Kit |
| Artikelnummer            | EBT-ELK3110                                       |
| Hersteller Artikelnummer | ELK3110   |
| Alternativnummer         | EBT-ELK3110-96, EBT-ELK3110-48, EBT-ELK3110-96X5  |
| Hersteller               | ELK Biotechnology                                 |
| Kategorie                | Kits/Assays                                       |
| Spezies Reaktivität      | Human   |
| Konzentration            | 2500 pg/mL  |
| Detektionsbereich        | 39.07-2500 pg/mL                                  |
| Sensitivitaet            | 15 pg/mL  |
| UniProt                  | <a href="#">P12107</a>                            |
| Proben                   | serum, plasma 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 COL11a1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human COL11a1. 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 COL11a1, 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 COL11a1 in the samples is then determined by comparing the OD of the samples to the standard curve