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## Product Datasheet

### Human COL4a5(Collagen Type IV Alpha 5) ELISA Kit EBT-ELK5603

Artikelname	Human COL4a5(Collagen Type IV Alpha 5) ELISA Kit
Artikelnummer	EBT-ELK5603
Hersteller Artikelnummer	ELK5603
Alternativnummer	EBT-ELK5603-96, EBT-ELK5603-48, EBT-ELK5603-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	200 ng/mL
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	1.08 ng/mL
UniProt	<a href="#">P29400</a>
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Developmental science, Nutrition 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 COL4a5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human COL4a5. 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 COL4a5, 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 COL4a5 in the samples is then determined by comparing the OD of the samples to the standard curve