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Product Datasheet

Human IGFBP7(Insulin Like Growth Factor Binding Protein 7) ELISA Kit EBT-ELK10518

Artikelname	Human IGFBP7(Insulin Like Growth Factor Binding Protein 7) ELISA Kit
Artikelnummer	EBT-ELK10518
Hersteller Artikelnummer	ELK10518
Alternativnummer	EBT-ELK10518-96, EBT-ELK10518-96X5, EBT-ELK10518-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	100 ng/mL
Detektionsbereich	1.56-100 ng/mL
Sensitivitaet	0.49 ng/mL
UniProt	Q16270
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,. 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 IGFBP7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human IGFBP7. 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 IGFBP7, 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 IGFBP7 in the samples is then determined by comparing the OD of the samples to the standard curve