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## Product Datasheet

### Rat IGFBP7(Insulin Like Growth Factor Binding Protein 7) ELISA Kit EBT-ELK10812

Artikelname	Rat IGFBP7(Insulin Like Growth Factor Binding Protein 7) ELISA Kit
Artikelnummer	EBT-ELK10812
Hersteller Artikelnummer	ELK10812
Alternativnummer	EBT-ELK10812-96, EBT-ELK10812-96X5, EBT-ELK10812-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	100 ng/mL
Detektionsbereich	1.56-100 ng/mL
Sensitivitaet	0.52 ng/mL
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 Rat IGFBP7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat IGFBP7 in the samples is then determined by comparing the OD of the samples to the standard curve