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## Product Datasheet

### Rat IGF1(Insulin Like Growth Factor 1) ELISA Kit EBT-ELK10211

Artikelname	Rat IGF1(Insulin Like Growth Factor 1) ELISA Kit
Artikelnummer	EBT-ELK10211
Hersteller Artikelnummer	ELK10211
Alternativnummer	EBT-ELK10211-96, EBT-ELK10211-48, EBT-ELK10211-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	1000 ng/mL
Detektionsbereich	15.63-1000 ng/mL
Sensitivitaet	4.51 ng/mL
UniProt	<a href="#">P08025</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: Tumor immunity, Endocrinology,. 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 IGF1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat IGF1. 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 IGF1, 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 IGF1 in the samples is then determined by comparing the OD of the samples to the standard curve