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Product Datasheet

Rabbit IGF1R(Insulin Like Growth Factor 1 Receptor) ELISA Kit EBT-ELK0583

Article Name	Rabbit IGF1R(Insulin Like Growth Factor 1 Receptor) ELISA Kit
Biozol Catalog Number	EBT-ELK0583
Supplier Catalog Number	ELK0583
Alternative Catalog Number	EBT-ELK0583-96, EBT-ELK0583-48, EBT-ELK0583-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rabbit
Concentration	8000 pg/mL
Range	125-8000 pg/mL
Sensitivity	46.5 pg/mL
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction,Endocrinology,Cardiovascular biology,Hormone 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 Rabbit IGF1R. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rabbit IGF1R. 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 Rabbit IGF1R, 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 Rabbit IGF1R in the samples is then determined by comparing the OD of the samples to the standard curve