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Product Datasheet

Human IDE(Insulin Degrading Enzyme) ELISA Kit EBT-ELK2906

Article Name	Human IDE(Insulin Degrading Enzyme) ELISA Kit
Biozol Catalog Number	EBT-ELK2906
Supplier Catalog Number	ELK2906
Alternative Catalog Number	EBT-ELK2906-96, EBT-ELK2906-48, EBT-ELK2906-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.139 ng/mL
UniProt	P14735
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Metabolic pathway, Endocrinology, Cardiovascular biology, .

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 IDE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human IDE. 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 IDE, 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 IDE in the samples is then determined by comparing the OD of the samples to the standard curve