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Product Datasheet

Rat IAPP(Islet Amyloid Polypeptide) ELISA Kit EBT-ELK1602

Article Name	Rat IAPP(Islet Amyloid Polypeptide) ELISA Kit
Biozol Catalog Number	EBT-ELK1602
Supplier Catalog Number	ELK1602
Alternative Catalog Number	EBT-ELK1602-96, EBT-ELK1602-48, EBT-ELK1602-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.73 pg/mL
UniProt	P12969
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Endocrinology, Hepatology,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat IAPP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat IAPP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 IAPP in the samples is then determined by comparing the OD of the samples to the standard curve