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Product Datasheet

Human IAPP(Islet Amyloid Polypeptide) ELISA Kit EBT-ELK4831

Article Name	Human IAPP(Islet Amyloid Polypeptide) ELISA Kit
Biozol Catalog Number	EBT-ELK4831
Supplier Catalog Number	ELK4831
Alternative Catalog Number	EBT-ELK4831-96, EBT-ELK4831-48, EBT-ELK4831-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.47 pg/mL
UniProt	P10997
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 Human IAPP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human IAPP in the samples is then determined by comparing the OD of the samples to the standard curve