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Product Datasheet

Rat Islet Amyloid Polypeptide (IAPP) ELISA Kit BYT-ORB1946795

Article Name	Rat Islet Amyloid Polypeptide (IAPP) ELISA Kit
Biozol Catalog Number	BYT-ORB1946795
Supplier Catalog Number	orb1946795
Alternative Catalog Number	BYT-ORB1946795-48,BYT-ORB1946795-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Islet Amyloid Polypeptide (IAPP) ELISA Kit...
Range	62.5-4000pg/mL
Sensitivity	37.5 pg/mL
UniProt	P12969
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	IAPP

Application Notes

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat IAPP. During the reaction, Rat IAPP in the sample or standard competes with a fixed amount of Rat IAPP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat IAPP. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The concentration of Rat IAPP in tested samples can be calculated by comparing the OD of the samples to the standard curve