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Product Datasheet

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

Artikelname	Rat Islet Amyloid Polypeptide (IAPP) ELISA Kit
Artikelnummer	BYT-ORB1946795
Hersteller Artikelnummer	orb1946795
Alternativnummer	BYT-ORB1946795-48,BYT-ORB1946795-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Produktbeschreibung	Rat Islet Amyloid Polypeptide (IAPP) ELISA Kit...
Detektionsbereich	62.5-4000pg/mL
Sensitivitaet	37.5 pg/mL
UniProt	P12969
Proben	serum, plasma, Tissue homogenate and Other biological samples
Target-Kategorie	IAPP

Anwendungsbeschreibung

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