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Product Datasheet

Rat Trypsinogen Activation Peptide (TAP) ELISA Kit BYT-ORB1946788

Article Name	Rat Trypsinogen Activation Peptide (TAP) ELISA Kit
Biozol Catalog Number	BYT-ORB1946788
Supplier Catalog Number	orb1946788
Alternative Catalog Number	BYT-ORB1946788-48,BYT-ORB1946788-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Trypsinogen Activation Peptide (TAP) ELISA Kit...
Range	0.16-10ng/mL
Sensitivity	0.1 ng/mL
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	TAP

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 TAP. During the reaction, Rat TAP in the sample or standard competes with a fixed amount of Rat TAP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat TAP. 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 TAP in tested samples can be calculated by comparing the OD of the samples to the standard curve