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Product Datasheet

Rat Apelin (APLN) ELISA Kit BYT-ORB1946796

Artikelname	Rat Apelin (APLN) ELISA Kit
Artikelnummer	BYT-ORB1946796
Hersteller Artikelnummer	orb1946796
Alternativnummer	BYT-ORB1946796-48,BYT-ORB1946796-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Produktbeschreibung	Rat Apelin (APLN) ELISA Kit...
Detektionsbereich	78.13-5000pg/mL
Sensitivitaet	46.88 pg/mL
UniProt	Q9R0R3
Proben	serum, plasma, Tissue homogenate and Other biological samples
Target-Kategorie	APLN

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