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Product Datasheet

Rat Apelin (APLN) ELISA Kit BYT-ORB780828

Artikelname	Rat Apelin (APLN) ELISA Kit
Artikelnummer	BYT-ORB780828
Hersteller Artikelnummer	orb780828
Alternativnummer	BYT-ORB780828-48, BYT-ORB780828-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Apelin(APLN) protein. Standards or samples are added to the appropriate microtiter plate wells then with a ...
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	4.36 pg/mL
UniProt	Q9R0R3
Proben	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 1000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat APLN protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat APLN. 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 Rat APLN in the samples is then determined by comparing the OD of the samples to the standard curve