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Product Datasheet

Rat NRGN(Neurogranin) Microsample ELISA Kit BYT-ORB2997307

Artikelname	Rat NRGN(Neurogranin) Microsample ELISA Kit
Artikelnummer	BYT-ORB2997307
Hersteller Artikelnummer	orb2997307
Alternativnummer	BYT-ORB2997307-48, BYT-ORB2997307-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Produktbeschreibung	Rat NRGN(Neurogranin) Microsample ELISA Kit...
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.053 ng/mL
UniProt	Q04940
Proben	tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Application Notes: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat NRG1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat NRG1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat NRG1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 NRG1 in the samples is then determined by comparing the OD of the samples to the standard curve