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Product Datasheet

Rat Phosphorylated Neurofilament H (pNF-H) ELISA Kit BYT-ORB780759

Artikelname	Rat Phosphorylated Neurofilament H (pNF-H) ELISA Kit
Artikelnummer	BYT-ORB780759
Hersteller Artikelnummer	orb780759
Alternativnummer	BYT-ORB780759-48, BYT-ORB780759-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	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 Neurofilament, Heavy Polypeptide(NEFH)....
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	5.5 pg/mL
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 1000 pg/mL. Test principle: 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 pNF-H. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat pNF-H. 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 pNF-H, 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 pNF-H in the samples is then determined by comparing the OD of the samples to the standard curve