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Product Datasheet

Rat Enolase, Neuron Specific (NSE) ELISA Kit BYT-ORB776453

Article Name	Rat Enolase, Neuron Specific (NSE) ELISA Kit
Biozol Catalog Number	BYT-ORB776453
Supplier Catalog Number	orb776453
Alternative Catalog Number	BYT-ORB776453-48, BYT-ORB776453-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	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 Enolase, Neuron Specific(NSE)....
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.232 ng/mL
UniProt	P07323
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 40 ng/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 NSE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat NSE. 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 NSE, 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 NSE in the samples is then determined by comparing the OD of the samples to the standard curve