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Product Datasheet

Mouse NPTX2(Neuronal Pentraxin II) Microsample ELISA Kit BYT-ORB2997305

Article Name	Mouse NPTX2(Neuronal Pentraxin II) Microsample ELISA Kit
Biozol Catalog Number	BYT-ORB2997305
Supplier Catalog Number	orb2997305
Alternative Catalog Number	BYT-ORB2997305-48,BYT-ORB2997305-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse NPTX2(Neuronal Pentraxin II) Microsample ELISA Kit...
Range	0.16-10 ng/mL
Sensitivity	0.058 ng/mL
UniProt	O70340
Samples	Serum, plasma and other biological fluids.

Application Notes

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 Mouse NPTX2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse NPTX2. 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 Mouse NPTX2, 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 Mouse NPTX2 in the samples is then determined by comparing the OD of the samples to the standard curve