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Product Datasheet

Human Anti-NMDAR(Anti-N-methyl-D-aspartic Acid Receptor Antibody) ELISA Kit EBT-ELK0448

Article Name	Human Anti-NMDAR(Anti-N-methyl-D-aspartic Acid Receptor Antibody) ELISA Kit
Biozol Catalog Number	EBT-ELK0448
Supplier Catalog Number	ELK0448
Alternative Catalog Number	EBT-ELK0448-96, EBT-ELK0448-48, EBT-ELK0448-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.65 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Neuro science,. 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 Human Anti-NMDAR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Anti-NMDAR. 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 Human Anti-NMDAR, 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 Human Anti-NMDAR in the samples is then determined by comparing the OD of the samples to the standard curve