Product Datasheet

Human Anti-N-methyl-D-aspartic Acid Receptor Antibody (Anti-NMDAR) ELISA Kit (orb2308015)

Catalog Number	orb2308015
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 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.
Reactivity	Human
Range	1.57-100 ng/mL
Concentration	100 ng/mL
Note	For research use only

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Application notes	standard: 100 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 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
Sample Types	serum, plasma and other biological fluids
Assay Time	3.5h
Sensitivity	0.65 ng/mL
Expiration Date	Please enquire.

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