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Product Datasheet

Human GRIN2D(Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2D) ELISA Kit EBT-ELK4418

Article Name	Human GRIN2D(Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2D) ELISA Kit
Biozol Catalog Number	EBT-ELK4418
Supplier Catalog Number	ELK4418
Alternative Catalog Number	EBT-ELK4418-96, EBT-ELK4418-48, EBT-ELK4418-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.121 ng/mL
UniProt	O15399
Samples	Tissue homogenates 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 GRIN2D. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human GRIN2D. 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 GRIN2D, 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 GRIN2D in the samples is then determined by comparing the OD of the samples to the standard curve