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Product Datasheet

Human GRIN2C(Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2C) ELISA Kit
EBT-ELK4420

Article Name	Human GRIN2C(Glutamate Receptor, Ionotropic, N-Methyl-D-Aspartate 2C) ELISA Kit
Biozol Catalog Number	EBT-ELK4420
Supplier Catalog Number	ELK4420
Alternative Catalog Number	EBT-ELK4420-96, EBT-ELK4420-48, EBT-ELK4420-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.118 ng/mL
UniProt	Q14957
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 GRIN2C. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human GRIN2C. 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 GRIN2C, 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 GRIN2C in the samples is then determined by comparing the OD of the samples to the standard curve