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Product Datasheet

Human EAAT3(Excitatory Amino Acid Transporter 3) ELISA Kit
EBT-ELK4429

Article Name	Human EAAT3(Excitatory Amino Acid Transporter 3) ELISA Kit
Biozol Catalog Number	EBT-ELK4429
Supplier Catalog Number	ELK4429
Alternative Catalog Number	EBT-ELK4429-96, EBT-ELK4429-48, EBT-ELK4429-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.119 ng/mL
UniProt	P43005
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 EAAT3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human EAAT3. 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 EAAT3, 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 EAAT3 in the samples is then determined by comparing the OD of the samples to the standard curve