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Product Datasheet

Human EAAT2(Excitatory Amino Acid Transporter 2) ELISA Kit EBT-ELK4324

Artikelname	Human EAAT2(Excitatory Amino Acid Transporter 2) ELISA Kit
Artikelnummer	EBT-ELK4324
Hersteller Artikelnummer	ELK4324
Alternativnummer	EBT-ELK4324-96, EBT-ELK4324-48, EBT-ELK4324-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.119 ng/mL
UniProt	P43004
Proben	Tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

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 EAAT2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human EAAT2. 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 EAAT2, 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 EAAT2 in the samples is then determined by comparing the OD of the samples to the standard curve