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Product Datasheet

Human TDP43(Tar DNA Binding Protein 43kDa) ELISA Kit EBT-ELK2378

Article Name	Human TDP43(Tar DNA Binding Protein 43kDa) ELISA Kit
Biozol Catalog Number	EBT-ELK2378
Supplier Catalog Number	ELK2378
Alternative Catalog Number	EBT-ELK2378-96, EBT-ELK2378-48, EBT-ELK2378-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	24.9 pg/mL
UniProt	Q13148
Samples	serum, plasma, cerebrospinal fluid and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Infection immunity, Developmental science, Immunodeficiency, . 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 TDP43. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TDP43. 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 TDP43, 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 TDP43 in the samples is then determined by comparing the OD of the samples to the standard curve