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Product Datasheet

Human EIF2A(Eukaryotic Translation Initiation Factor 2 subunit alpha) ELISA Kit EBT-ELK0541

Article Name	Human EIF2A(Eukaryotic Translation Initiation Factor 2 subunit alpha) ELISA Kit
Biozol Catalog Number	EBT-ELK0541
Supplier Catalog Number	ELK0541
Alternative Catalog Number	EBT-ELK0541-96, EBT-ELK0541-48, EBT-ELK0541-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	32.4 pg/mL
UniProt	Q9BY44
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction,. 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 EIF2A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human EIF2A. 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 EIF2A, 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 EIF2A in the samples is then determined by comparing the OD of the samples to the standard curve