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Product Datasheet

Human ATM(Ataxia Telangiectasia Mutated) ELISA Kit EBT-ELK1896

Article Name	Human ATM(Ataxia Telangiectasia Mutated) ELISA Kit
Biozol Catalog Number	EBT-ELK1896
Supplier Catalog Number	ELK1896
Alternative Catalog Number	EBT-ELK1896-96, EBT-ELK1896-48, EBT-ELK1896-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	6.8 pg/mL
UniProt	Q13315
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids

Application Notes

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