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Product Datasheet

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

Artikelname	Human ATM(Ataxia Telangiectasia Mutated) ELISA Kit
Artikelnummer	EBT-ELK1896
Hersteller Artikelnummer	ELK1896
Alternativnummer	EBT-ELK1896-96, EBT-ELK1896-48, EBT-ELK1896-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	6.8 pg/mL
UniProt	Q13315
Proben	Serum, plasma, tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

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