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Product Datasheet

Human MAPK14(Mitogen Activated Protein Kinase 14) ELISA Kit EBT-ELK1804

Artikelname	Human MAPK14(Mitogen Activated Protein Kinase 14) ELISA Kit
Artikelnummer	EBT-ELK1804
Hersteller Artikelnummer	ELK1804
Alternativnummer	EBT-ELK1804-96, EBT-ELK1804-48, EBT-ELK1804-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	100 ng/mL
Detektionsbereich	1.57-100 ng/mL
Sensitivitaet	0.51 ng/mL
UniProt	Q16539
Proben	Tissue homogenates, cell lysates and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Enzyme & Kinase, Tumor immunity, Infection immunity, .
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 MAPK14. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MAPK14. 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 MAPK14, 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 MAPK14 in the samples is then determined by comparing the OD of the samples to the standard curve