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Product Datasheet

Human STAT3(Signal Transducer And Activator Of Transcription 3) ELISA Kit EBT-ELK5550

Artikelname	Human STAT3(Signal Transducer And Activator Of Transcription 3) ELISA Kit
Artikelnummer	EBT-ELK5550
Hersteller Artikelnummer	ELK5550
Alternativnummer	EBT-ELK5550-96, EBT-ELK5550-48, EBT-ELK5550-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.064 ng/mL
UniProt	P40763
Proben	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Apoptosis,. 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 STAT3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human STAT3. 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 STAT3, 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 STAT3 in the samples is then determined by comparing the OD of the samples to the standard curve