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Product Datasheet

Rat STAT6(Signal Transducer And Activator Of Transcription 6) ELISA Kit EBT-ELK10787

Article Name	Rat STAT6(Signal Transducer And Activator Of Transcription 6) ELISA Kit
Biozol Catalog Number	EBT-ELK10787
Supplier Catalog Number	ELK10787
Alternative Catalog Number	EBT-ELK10787-96, EBT-ELK10787-96X5, EBT-ELK10787-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.057 ng/mL
UniProt	O70429
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, 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 Rat STAT6. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat STAT6. 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 Rat STAT6, 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 Rat STAT6 in the samples is then determined by comparing the OD of the samples to the standard curve