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Product Datasheet

Human TGF β 1(Transforming Growth Factor Beta Induced Protein) ELISA Kit EBT-ELK2791

Article Name	Human TGF β 1(Transforming Growth Factor Beta Induced Protein) ELISA Kit
Biozol Catalog Number	EBT-ELK2791
Supplier Catalog Number	ELK2791
Alternative Catalog Number	EBT-ELK2791-96, EBT-ELK2791-48, EBT-ELK2791-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.232 ng/mL
UniProt	Q15582
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: 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 TGF β 1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TGF β 1. 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 TGF β 1, 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 \pm 10nm. The concentration of Human TGF β 1 in the samples is then determined by comparing the OD of the samples to the standard curve