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Product Datasheet

TGF-b1(TransformingGrowth Factor Beta 1) ELISA Kit EBT-ELK10034

Article Name	TGF-b1(TransformingGrowth Factor Beta 1) ELISA Kit
Biozol Catalog Number	EBT-ELK10034
Supplier Catalog Number	ELK10034
Alternative Catalog Number	EBT-ELK10034-96, EBT-ELK10034-96X5, EBT-ELK10034-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.11 ng/mL
Samples	Activated serum, plasma

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine, 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 TGF-b1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to TGF-b1. 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 TGF-b1, 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 TGF-b1 in the samples is then determined by comparing the OD of the samples to the standard curve