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## Product Datasheet

### Human TGF $\beta$ 1(Transforming Growth Factor Beta Induced Protein) Microsample ELISA Kit EBT-ELK2791MS

Article Name	Human TGF $\beta$ 1(Transforming Growth Factor Beta Induced Protein) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK2791MS
Supplier Catalog Number	ELK2791MS
Alternative Catalog Number	EBT-ELK2791MS-96, EBT-ELK2791MS-48, EBT-ELK2791MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.237 ng/mL
UniProt	<a href="#">Q15582</a>
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 $\beta$ 1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TGF $\beta$ 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 $\beta$ 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 $\beta$ 1 in the samples is then determined by comparing the OD of the samples to the standard curve