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Product Datasheet

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

Artikelname	TGF-b1(TransformingGrowth Factor Beta 1) ELISA Kit
Artikelnummer	EBT-ELK10034
Hersteller Artikelnummer	ELK10034
Alternativnummer	EBT-ELK10034-96, EBT-ELK10034-96X5, EBT-ELK10034-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	All
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.11 ng/mL
Proben	Activated serum, plasma

Anwendungsbeschreibung

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