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## Product Datasheet

### Dog TGFb1(Transforming Growth Factor Beta 1) ELISA Kit EBT-ELK5702

Artikelname	Dog TGFb1(Transforming Growth Factor Beta 1) ELISA Kit
Artikelnummer	EBT-ELK5702
Hersteller Artikelnummer	ELK5702
Alternativnummer	EBT-ELK5702-96, EBT-ELK5702-48, EBT-ELK5702-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Canine
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	5.5 pg/mL
UniProt	<a href="#">P54831</a>
Proben	Serum, platelet-poor plasma, tissue homogenates, cell culture supernates and other biological fluids.

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 Dog TGFb1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog TGFb1. 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 Dog TGFb1, 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 Dog TGFb1 in the samples is then determined by comparing the OD of the samples to the standard curve