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## Product Datasheet

### **Cattle TIMP1(Tissue Inhibitors Of Metalloproteinase 1) ELISA Kit EBT-ELK6529**

Artikelname	Cattle TIMP1(Tissue Inhibitors Of Metalloproteinase 1) ELISA Kit
Artikelnummer	EBT-ELK6529
Hersteller Artikelnummer	ELK6529
Alternativnummer	EBT-ELK6529-96, EBT-ELK6529-48, EBT-ELK6529-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	150 ng/mL
Detektionsbereich	2.35-150 ng/mL
Sensitivitaet	0.9 ng/mL
UniProt	<a href="#">P20414</a>
Proben	Serum, plasma and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity, Infection immunity, Cardiovascular biology, Hepatology, Hormone metabolism, . 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 Cattle TIMP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle TIMP1. 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 Cattle TIMP1, 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 Cattle TIMP1 in the samples is then determined by comparing the OD of the samples to the standard curve