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Product Datasheet

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

Article Name	Cattle TIMP1(Tissue Inhibitors Of Metalloproteinase 1) ELISA Kit
Biozol Catalog Number	EBT-ELK6529
Supplier Catalog Number	ELK6529
Alternative Catalog Number	EBT-ELK6529-96, EBT-ELK6529-48, EBT-ELK6529-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	150 ng/mL
Range	2.35-150 ng/mL
Sensitivity	0.9 ng/mL
UniProt	P20414
Samples	Serum, plasma and other biological fluids.

Application Notes

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