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## Product Datasheet

### Sheep TIMP1(Tissue Inhibitors Of Metalloproteinase 1) ELISA Kit EBT-ELK10645

Article Name	Sheep TIMP1(Tissue Inhibitors Of Metalloproteinase 1) ELISA Kit
Biozol Catalog Number	EBT-ELK10645
Supplier Catalog Number	ELK10645
Alternative Catalog Number	EBT-ELK10645-96, EBT-ELK10645-96X5, EBT-ELK10645-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Sheep
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.21 ng/mL
UniProt	<a href="#">P50122</a>
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates 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 Sheep TIMP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep 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 Sheep 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  $\pm$  10nm. The concentration of Sheep TIMP1 in the samples is then determined by comparing the OD of the samples to the standard curve