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## Product Datasheet

### **Pig TIMP1(Tissue Inhibitors Of Metalloproteinase 1) ELISA Kit EBT-ELK10664**

Artikelname	Pig TIMP1(Tissue Inhibitors Of Metalloproteinase 1) ELISA Kit
Artikelnummer	EBT-ELK10664
Hersteller Artikelnummer	ELK10664
Alternativnummer	EBT-ELK10664-96, EBT-ELK10664-96X5, EBT-ELK10664-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Porcine
Konzentration	200 ng/mL
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	1.32 ng/mL
UniProt	<a href="#">P35624</a>
Proben	serum, plasma, tissue homogenates 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 Pig TIMP1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig 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 Pig 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 Pig TIMP1 in the samples is then determined by comparing the OD of the samples to the standard curve