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## Product Datasheet

### **Pig MMP13(Matrix Metalloproteinase 13) ELISA Kit EBT-ELK10704**

Article Name	Pig MMP13(Matrix Metalloproteinase 13) ELISA Kit
Biozol Catalog Number	EBT-ELK10704
Supplier Catalog Number	ELK10704
Alternative Catalog Number	EBT-ELK10704-96, EBT-ELK10704-96X5, EBT-ELK10704-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	50 ng/mL
Range	0.79-50 ng/mL
Sensitivity	0.23 ng/mL
Samples	Serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Tumor immunity, Bone metabolism, Rheumatology,. 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 MMP13. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig MMP13. 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 MMP13, 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 Pig MMP13 in the samples is then determined by comparing the OD of the samples to the standard curve