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## Product Datasheet

### **Cattle MMP8(Matrix Metalloproteinase 8) ELISA Kit EBT-ELK0610**

Article Name	Cattle MMP8(Matrix Metalloproteinase 8) ELISA Kit
Biozol Catalog Number	EBT-ELK0610
Supplier Catalog Number	ELK0610
Alternative Catalog Number	EBT-ELK0610-96, EBT-ELK0610-48, EBT-ELK0610-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	25 ng/mL
Range	0.4-25 ng/mL
Sensitivity	0.17 ng/mL
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: Enzyme & Kinase, Infection immunity, Cardiovascular biology, . 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 MMP8. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle MMP8. 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 MMP8, 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 MMP8 in the samples is then determined by comparing the OD of the samples to the standard curve