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Product Datasheet

Guinea pig MMP3(Matrix Metalloproteinase 3) ELISA Kit EBT-ELK10069

Article Name	Guinea pig MMP3(Matrix Metalloproteinase 3) ELISA Kit
Biozol Catalog Number	EBT-ELK10069
Supplier Catalog Number	ELK10069
Alternative Catalog Number	EBT-ELK10069-96, EBT-ELK10069-48, EBT-ELK10069-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Guinea pig
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.086 ng/mL
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Tumor immunity, 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 Guinea pig MMP3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Guinea pig MMP3. 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 Guinea pig MMP3, 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 Guinea pig MMP3 in the samples is then determined by comparing the OD of the samples to the standard curve