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Product Datasheet

Rat MMP9(Matrix Metalloproteinase 9) Microsample ELISA Kit EBT-ELK10458MS

Article Name	Rat MMP9(Matrix Metalloproteinase 9) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK10458MS
Supplier Catalog Number	ELK10458MS
Alternative Catalog Number	EBT-ELK10458MS-96, EBT-ELK10458MS-48, EBT-ELK10458MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	500 ng/mL
Range	7.81-500 ng/mL
Sensitivity	1.8 ng/mL
UniProt	P50282
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, Tumor immunity, Infection immunity, Cardiovascular biology, Hepatology, . 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 Rat MMP9. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MMP9. 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 Rat MMP9, 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 Rat MMP9 in the samples is then determined by comparing the OD of the samples to the standard curve