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Product Datasheet

Mouse MMP19(Matrix Metalloproteinase 19) ELISA Kit EBT-ELK3166

Article Name	Mouse MMP19(Matrix Metalloproteinase 19) ELISA Kit
Biozol Catalog Number	EBT-ELK3166
Supplier Catalog Number	ELK3166
Alternative Catalog Number	EBT-ELK3166-96, EBT-ELK3166-48, EBT-ELK3166-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.056 ng/mL
UniProt	Q9JH10
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Tumor immunity, Reproductive science, Developmental science, 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 Mouse MMP19. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse MMP19. 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 Mouse MMP19, 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 Mouse MMP19 in the samples is then determined by comparing the OD of the samples to the standard curve