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Product Datasheet

Rat MMP12(Matrix Metalloproteinase 12) ELISA Kit EBT-ELK10497

Artikelname	Rat MMP12(Matrix Metalloproteinase 12) ELISA Kit
Artikelnummer	EBT-ELK10497
Hersteller Artikelnummer	ELK10497
Alternativnummer	EBT-ELK10497-96, EBT-ELK10497-96X5, EBT-ELK10497-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.11 ng/mL
UniProt	Q63341
Proben	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Tumor immunity, Infection immunity,. 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 MMP12. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MMP12. 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 MMP12, 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 MMP12 in the samples is then determined by comparing the OD of the samples to the standard curve