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Product Datasheet

Rat ADAM10(A Disintegrin And Metalloprotease 10) ELISA Kit EBT-ELK3144

Article Name	Rat ADAM10(A Disintegrin And Metalloprotease 10) ELISA Kit
Biozol Catalog Number	EBT-ELK3144
Supplier Catalog Number	ELK3144
Alternative Catalog Number	EBT-ELK3144-96, EBT-ELK3144-48, EBT-ELK3144-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	27 pg/mL
UniProt	Q10743
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 Rat ADAM10. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat ADAM10. 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 ADAM10, 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 ADAM10 in the samples is then determined by comparing the OD of the samples to the standard curve