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Product Datasheet

Rat MEP1a(Meprin A Alpha) ELISA Kit EBT-ELK5520

Article Name	Rat MEP1a(Meprin A Alpha) ELISA Kit
Biozol Catalog Number	EBT-ELK5520
Supplier Catalog Number	ELK5520
Alternative Catalog Number	EBT-ELK5520-96, EBT-ELK5520-48, EBT-ELK5520-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	15.4 pg/mL
UniProt	Q64230
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat MEP1a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MEP1a. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 MEP1a in the samples is then determined by comparing the OD of the samples to the standard curve