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Product Datasheet

Mouse NEP(Neprilysin) ELISA Kit EBT-ELK10594

Article Name	Mouse NEP(Neprilysin) ELISA Kit
Biozol Catalog Number	EBT-ELK10594
Supplier Catalog Number	ELK10594
Alternative Catalog Number	EBT-ELK10594-96, EBT-ELK10594-48, EBT-ELK10594-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	21.3 pg/mL
UniProt	Q61391
Samples	Serum, plasma and other biological fluids.

Application Notes

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