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Product Datasheet

Human NEP(Neprilysin) ELISA Kit EBT-ELK2196

Article Name	Human NEP(Neprilysin) ELISA Kit
Biozol Catalog Number	EBT-ELK2196
Supplier Catalog Number	ELK2196
Alternative Catalog Number	EBT-ELK2196-96, EBT-ELK2196-48, EBT-ELK2196-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	11.6 pg/mL
UniProt	P08473
Samples	serum, plasma, cerebrospinal fluid 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 Human NEP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human NEP in the samples is then determined by comparing the OD of the samples to the standard curve