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Product Datasheet

Mouse NPHN(Nephrin) ELISA Kit EBT-ELK2909

Article Name	Mouse NPHN(Nephrin) ELISA Kit
Biozol Catalog Number	EBT-ELK2909
Supplier Catalog Number	ELK2909
Alternative Catalog Number	EBT-ELK2909-96, EBT-ELK2909-48, EBT-ELK2909-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.109 ng/mL
UniProt	Q9QZS7
Samples	urine, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity, Kidney biomarker, Urology, . 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 NPHN. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse NPHN. 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 NPHN, 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 NPHN in the samples is then determined by comparing the OD of the samples to the standard curve