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Product Datasheet

Human NKX6-1(NK6 Homeobox Protein 1) ELISA Kit EBT-ELK3376

Article Name	Human NKX6-1(NK6 Homeobox Protein 1) ELISA Kit
Biozol Catalog Number	EBT-ELK3376
Supplier Catalog Number	ELK3376
Alternative Catalog Number	EBT-ELK3376-96, EBT-ELK3376-48, EBT-ELK3376-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.129 ng/mL
UniProt	P78426
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction,. 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 NKX6-1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human NKX6-1. 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 NKX6-1, 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 NKX6-1 in the samples is then determined by comparing the OD of the samples to the standard curve