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Product Datasheet

Human NOS2/iNOS(NitricOxide Synthase 2, Inducible) ELISA Kit EBT-ELK2643

Article Name	Human NOS2/iNOS(NitricOxide Synthase 2, Inducible) ELISA Kit
Biozol Catalog Number	EBT-ELK2643
Supplier Catalog Number	ELK2643
Alternative Catalog Number	EBT-ELK2643-96, EBT-ELK2643-48, EBT-ELK2643-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.054 ng/mL
UniProt	P35228
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Metabolic pathway, Tumor immunity, Cardiovascular biology, . 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 NOS2/iNOS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human NOS2/iNOS. 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 NOS2/iNOS, 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 NOS2/iNOS in the samples is then determined by comparing the OD of the samples to the standard curve
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