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Product Datasheet

Pig iNOS(inducible nitric oxide synthase) ELISA Kit EBT-ELK0893

Article Name	Pig iNOS(inducible nitric oxide synthase) ELISA Kit
Biozol Catalog Number	EBT-ELK0893
Supplier Catalog Number	ELK0893
Alternative Catalog Number	EBT-ELK0893-96, EBT-ELK0893-48, EBT-ELK0893-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	40 U/mL
Range	0.63-40 U/mL
Sensitivity	0.3 U/mL
UniProt	P79290
Samples	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 Pig iNOS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig 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 Pig 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 Pig iNOS in the samples is then determined by comparing the OD of the samples to the standard curve