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Product Datasheet

Pig NOS3(Nitric Oxide Synthase 3, Endothelial) ELISA Kit EBT-ELK5617

Article Name	Pig NOS3(Nitric Oxide Synthase 3, Endothelial) ELISA Kit
Biozol Catalog Number	EBT-ELK5617
Supplier Catalog Number	ELK5617
Alternative Catalog Number	EBT-ELK5617-96, EBT-ELK5617-48, EBT-ELK5617-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	5.9 pg/mL
UniProt	Q28969
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, 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 NOS3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig NOS3. 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 NOS3, 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 NOS3 in the samples is then determined by comparing the OD of the samples to the standard curve