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Product Datasheet

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

Artikelname	Pig NOS3(Nitric Oxide Synthase 3, Endothelial) ELISA Kit
Artikelnummer	EBT-ELK5617
Hersteller Artikelnummer	ELK5617
Alternativnummer	EBT-ELK5617-96, EBT-ELK5617-48, EBT-ELK5617-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Porcine
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	5.9 pg/mL
UniProt	Q28969
Proben	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.

Anwendungsbeschreibung

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