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Product Datasheet

Dog NOS2/iNOS(NitricOxide Synthase 2, Inducible) ELISA Kit EBT-ELK6023

Article Name	Dog NOS2/iNOS(NitricOxide Synthase 2, Inducible) ELISA Kit
Biozol Catalog Number	EBT-ELK6023
Supplier Catalog Number	ELK6023
Alternative Catalog Number	EBT-ELK6023-96, EBT-ELK6023-48, EBT-ELK6023-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.131 ng/mL
UniProt	O62699
Samples	Serum, plasma, tissue homogenates 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 Dog NOS2/iNOS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog 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 Dog 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 Dog NOS2/iNOS in the samples is then determined by comparing the OD of the samples to the standard curve