

Dog Nitric oxide synthase ELISA Kit | NOS3 elisa kit

Dog Nitric oxide synthase, endothelial ELISA Kit

CATALOG #
AAA194516

REACTIVITY
Dog

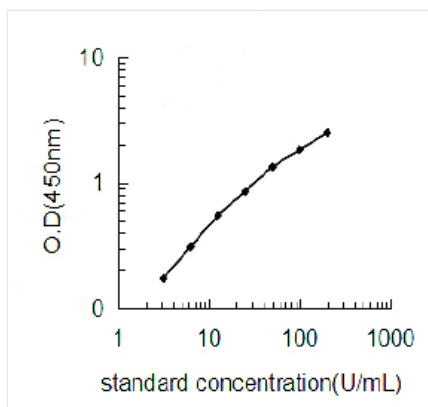
PRODUCT SYNONYMS

Nitric oxide synthase; Dog Nitric oxide synthase; endothelial ELISA Kit; endothelial; Constitutive NOS; cNOS; EC-NOS; Endothelial NOS; eNOS; NOS type III; NOSIII; NOS3; NOS; 1.14.13.39; NOS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	Recombinant and natural Dog Nitric oxide synthase, endothelial
Sequence Length	1205
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	3.12U/mL - 200 U/mL
Sensitivity	<1.37 U/mL
Intra-assay Precision	<=4.3%
Inter-assay Precision	<=7.5%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOS3 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	75051779
NCBI GeneID	403784
UniProt Accession #	Q9TUX8
Molecular Weight	133,046 Da
NCBI Official Full Name	Nitric oxide synthase, endothelial
NCBI Official Symbol	NOS3
NCBI Official Synonym Symbols	NOS
NCBI Protein Information	nitric oxide synthase, endothelial
UniProt Protein Name	Nitric oxide synthase, endothelial
UniProt Gene Name	NOS3
UniProt Synonym Gene Names	NOS; cNOS; eNOS; NOSIII
UniProt Entry Name	NOS3_CANLF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.