

Mouse Nitric oxide synthase, inducible ELISA Kit | Nos2 elisa kit

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CATALOG #
AAA57095

REACTIVITY
Mouse

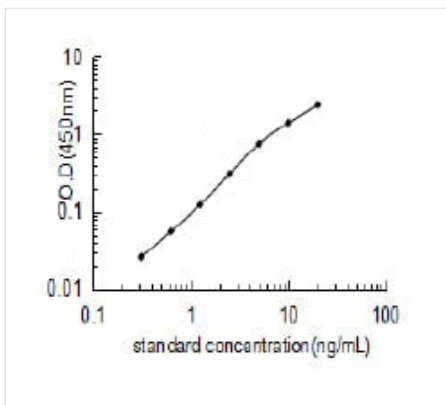
PRODUCT SYNONYMS

Nitric oxide synthase; inducible; Mouse Nitric oxide synthase; inducible ELISA Kit; Inducible NO synthase; Inducible NOS; iNOS; Macrophage NOS; MAC-NOS; NOS type II; Peptidyl-cysteine S-nitrosylase NOS2; Nos2; Inosl; 1.14.13.39; Nos2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Nitric oxide synthase, inducible
Sequence Length	1031
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.156 ng/mL
Intra-assay Precision	<=5.1%
Inter-assay Precision	<=9.0%
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 Nos2 elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	927028886
NCBI GeneID	18126
NCBI Accession #	NP_001300850.1
NCBI GenBank Nucleotide #	NM_001313921.1
UniProt Accession #	P29477; O70515; O70516; Q5SXT3; Q6P6A0; Q8R410
Molecular Weight	130,575 Da
NCBI Official Full Name	nitric oxide synthase, inducible isoform b
NCBI Official Synonym Full Names	nitric oxide synthase 2, inducible
NCBI Official Symbol	Nos2
NCBI Official Synonym Symbols	iNOS; Nos-2; Nos2a; i-NOS; NOS-II; MAC-NOS
NCBI Protein Information	nitric oxide synthase, inducible
UniProt Protein Name	Nitric oxide synthase, inducible
UniProt Gene Name	Nos2
UniProt Synonym Gene Names	Inosl; Inducible NOS; iNOS; MAC-NOS
UniProt Entry Name	NOS2_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/nos2-mouse-elisa-kits/nitric-oxide-synthase-inducible/57095>