

Pig inducible nitric oxide synthase (iNOS) ELISA Kit | iNOS elisa kit

Pig inducible nitric oxide synthase, iNOS ELISA Kit

CATALOG #
AAA112256

REACTIVITY
Pig

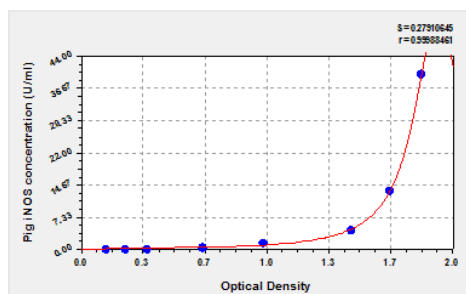
PRODUCT SYNONYMS

inducible nitric oxide synthase (iNOS); Pig inducible nitric oxide synthase; iNOS ELISA Kit; Pig inducible nitric oxide synthase (iNOS) ELISA Kit; HEP-NOS; INOS; NOS; NOS2A; type II; nitric oxide synthase 2A; nitric oxide synthase 2A (inducible; hepatocytes) ; nitric oxide synthase; macrophage; iNOS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig iNOS. No significant cross-reactivity or interference between pig iNOS and analogues was observed.
Sequence Length	1144
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05 U/ml-40 U/ml
Sensitivity	< 0.05 U/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for iNOS elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for iNOS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any iNOS present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for iNOS is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of iNOS bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754872
NCBI GeneID	18126
NCBI Accession #	NP_035057.1
NCBI GenBank Nucleotide #	NM_010927.3
UniProt Accession #	P29477; O70515; O70516; Q5SXT3; Q6P6A0; Q8R410
Molecular Weight	130,575 Da
NCBI Official Full Name	nitric oxide synthase, inducible
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
NCBI Protein Information	nitric oxide synthase, inducible; MAC-NOS; NOS type II; inducible NOS; macrophage NOS; inducible NO synthase; inducible nitric oxide synthase; peptidyl-cysteine S-nitrosylase NOS2; nitric oxide synthase 2, inducible, macrophage
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/pig-elisa-kits/inducible-nitric-oxide-synthase-inos/112256>