

Human NOS2/iNOS ELISA Kit | NOS2/iNOS elisa kit

Human NOS2/iNOS (Nitric Oxide Synthase 2, Inducible) ELISA Kit

CATALOG #
AAA165232

REACTIVITY
Human

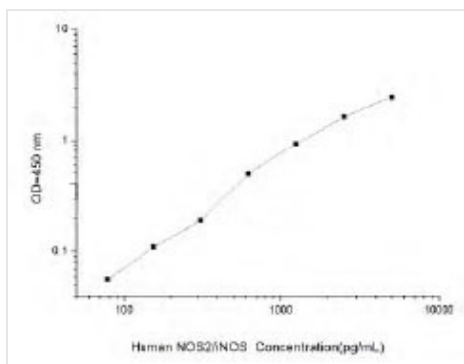
PRODUCT SYNONYMS

NOS2/iNOS; Human NOS2/iNOS (Nitric Oxide Synthase 2; Inducible) ELISA Kit; NOS2/iNOS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and some recombinant Human NOS2/iNOS. No significant cross-reactivity or interference between Human NOS2/iNOS and analogues was observed.
Sequence Length	1153
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOS2/iNOS elisa kit	Intended Uses: This ELISA kit can be applied to the in vitro quantitative determination of Human NOS2/iNOS concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been precoated with an antibody specific to Human NOS2/iNOS. Standards or samples are added to appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibodies specific for Human NOS2/iNOS and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well successively and incubated. After incubation, free components are washed away. Then the Substrate Reagent is added to each well, only those wells that contain Human NOS2/iNOS, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction will be terminated by adding Stop Solution and appears yellow in color. The optical density (OD) can be measured with spectrophotometry at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human NOS2/iNOS. The concentration of Human NOS2/iNOS in samples can be calculated by comparing the OD of the samples with the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	24041029
NCBI GeneID	4843
NCBI Accession #	NP_000616.3
NCBI GenBank Nucleotide #	NM_000625.4
UniProt Accession #	P35228; O60757; O94994; Q16263; Q16692; Q4TTS5; Q9UD42; A1L3U5; B7ZLY2
Molecular Weight	126,749 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	NOS; INOS; NOS2A; HEP-NOS
NCBI Protein Information	nitric oxide synthase, inducible; NOS type II; NOS, type II; hepatocyte NOS; inducible NO synthase; inducible NOS; nitric oxide synthase 2A (inducible, hepatocytes); nitric oxide synthase, macrophage; peptidyl-cysteine S-nitrosylase NOS2
UniProt Protein Name	Nitric oxide synthase, inducible
UniProt Gene Name	NOS2
UniProt Synonym Gene Names	NOS2A; HEP-NOS; Inducible NOS; iNOS
UniProt Entry Name	NOS2_HUMAN

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.