

## Porcine NOS2/iNOS ELISA Kit | NOS2/iNOS elisa kit

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

CATALOG #  
**AAA164461**

REACTIVITY  
**Porcine**

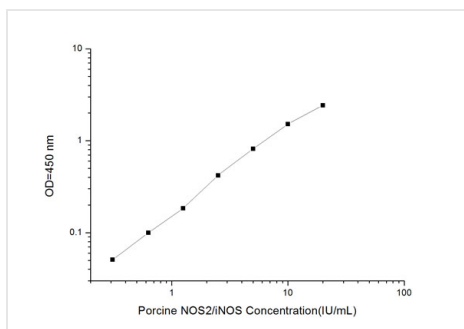
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Porcine                                                                                                                                                              |
| Specificity             | This kit recognizes natural and recombinant Porcine NOS2/iNOS. No significant cross-reactivity or interference between Porcine NOS2/iNOS and analogues was observed. |
| Sequence Length         | 1153                                                                                                                                                                 |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                                     |
| Assay Type              | Sandwich                                                                                                                                                             |
| Detection Range         | 0.313-20IU/mL                                                                                                                                                        |
| Sensitivity             | Min: 0.188IU/mL; Max: 20IU/mL                                                                                                                                        |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                                 |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| Related Product Information for NOS2/iNOS elisa kit | <p>Intended Uses: This ELISA kit applies to the invitro quantitative determination of PorcineNOS2/iNOSconcentrations in serum, plasma and other biological fluids.</p> <p>Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to NOS2/iNOS. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for NOS2/iNOSand Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain NOS2/iNOS, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of NOS2/iNOS.You can calculate the concentration of NOS2/iNOSin the samples by comparing the OD of the samples to the standard curve.</p> |
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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                | <b>NOS2</b>                                                                                                                                                                                                                                   |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/porcine-elisa-kits/nos2-inos/164461>