

## Human Nitric Oxide Synthase 2, Inducible (NOS2) DIY ELISA Kit | NOS2 diy elisa kit

Human Nitric Oxide Synthase 2, Inducible (NOS2) ELISA Kit DIY Materials

CATALOG #  
**AAA147652**

REACTIVITY  
**Human**

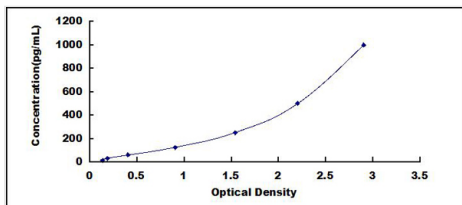
### PRODUCT SYNONYMS

Nitric Oxide Synthase 2; Inducible (NOS2); Human Nitric Oxide Synthase 2; Inducible (NOS2) ELISA Kit DIY Materials; NOS2A; INOS; HEP-NOS; I-NOS; Hepatocytes Oxide Synthase; Peptidyl-cysteine S-nitrosylase NOS2; NOS2 diy elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Specificity             | The Abs in the kit have high sensitivity and excellent specificity for detection of Nitric Oxide Synthase 2, Inducible (NOS2). No significant cross-reactivity or interference between Nitric Oxide Synthase 2, Inducible (NOS2) and analogues was observed.                                                                                                                                                                                                                                                     |
| Sequence Length         | 1153                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Assay Type              | Double-antibody Sandwich ELISA for Antigen Detection                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Samples                 | Serum, plasma, tissue homogenates other biological fluids.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Detection Range         | 15.6-1000pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sensitivity             | 6.2pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reagent Contents        | Capture Antibody, Detection Antibody, Standard, Streptavidin-HRP, TMB Substrate, 96-well Plate                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Usage           | <ol style="list-style-type: none"> <li>1. Coat the plates with 100μL per well of working solution of Capture Antibody.incubate overnight at 4 degree C or incubate at 37 degree C for 2 hours.</li> <li>2. Aspirate and wash 1 time.</li> <li>3. Block the plates with 200 μL per well of working solution of Blocking Buffer. Incubate at 37 degree C for 1.5 hours.</li> <li>4. Aspirate and wash 1 time. The plates are now ready for sample detection, the protocol is the same as regular ELISA.</li> </ol> |
| Other Reagents Required | ELISA/CLIA Support Pack 1. ( )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage | Antibodies, Standard and Streptavidin-HRP should be stored at -20 degree C. TMB should be stored at 4 degree C. 96-well Plate could be stored at room temperature. The contents are valid for twelve months. They are stable for one month after opening when stored at 4 degree C.                                                                                                                                                                                                                              |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                  |                                                                            |
|--------------------------------------------------|----------------------------------------------------------------------------|
| Product Categories/Family for NOS2 diy elisa kit | Enzyme & Kinase; Metabolic pathway; Tumor immunity; Cardiovascular biology |
|--------------------------------------------------|----------------------------------------------------------------------------|

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                                                |
| NCBI Official Symbol             | NOS2                                                                   |
| NCBI Official Synonym Symbols    | NOS; INOS; NOS2A; HEP-NOS                                              |
| NCBI Protein Information         | nitric oxide synthase, inducible                                       |
| UniProt Protein Name             | Nitric oxide synthase, inducible                                       |
| UniProt Gene Name                | <b>NOS2</b>                                                            |
| UniProt Synonym Gene Names       | NOS2A; HEP-NOS; Inducible NOS; iNOS                                    |

**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/human-diy-elisa-kits/nitric-oxide-synthase-2-inducible-nos2/147652>