

## Rabbit Endothelial Nitric Oxide Synthase ELISA Kit | eNOS elisa kit

Rabbit Endothelial Nitric Oxide Synthase ELISA Kit

CATALOG #  
**AAA84090**

REACTIVITY  
**Rabbit**

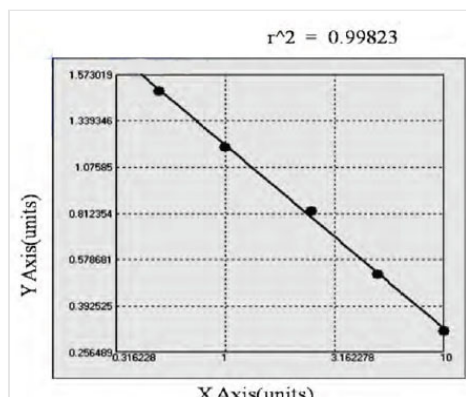
### PRODUCT SYNONYMS

Endothelial Nitric Oxide Synthase; Rabbit Endothelial Nitric Oxide Synthase ELISA Kit; eNOS elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                              |
| Assay Type              | Competitive                                                                                                                                                                             |
| Detection Range         | 0.5-10ng/mL                                                                                                                                                                             |
| Sensitivity             | 0.1ng/mL                                                                                                                                                                                |
| Intended Uses           | This ENOS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit ENOS. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                     |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for eNOS elisa kit

**Principle of the Assay:** ENOS ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ENOS antibody and an ENOS-HRP conjugate. The assay sample and buffer are incubated together with ENOS-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ENOS concentration since ENOS from samples and ENOS-HRP conjugate compete for the anti-ENOS antibody binding site. Since the number of sites is limited, as more sites are occupied by ENOS from the sample, fewer sites are left to bind ENOS-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ENOS concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                         |                       |
|-------------------------|-----------------------|
| NCBI GI #               | 148913721             |
| UniProt Accession #     | A6H544                |
| Molecular Weight        | 5,517 Da              |
| NCBI Official Full Name | eNOS protein, partial |
| UniProt Protein Name    | ENOS protein          |
| UniProt Gene Name       | eNOS                  |
| UniProt Entry Name      | A6H544_CALJA          |

**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/enos-rabbit-elisa-kits/endothelial-nitric-oxide-synthase/84090>