

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

Goat Endothelial Nitric Oxide Synthase ELISA Kit

CATALOG #  
**AAA90652**

REACTIVITY  
**Goat**

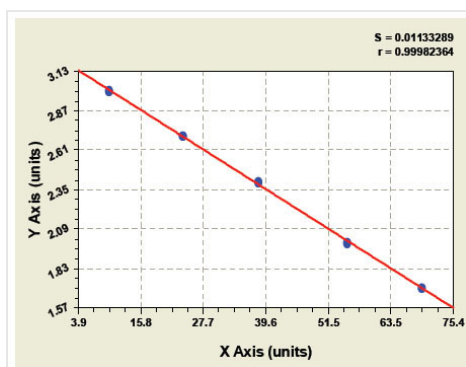
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Goat                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                            |
| Assay Type              | Competitive                                                                                                                                                                           |
| Sensitivity             | 1.0 pg/mL.                                                                                                                                                                            |
| Intended Uses           | This eNOS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat 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.

#### Product Categories/Family for eNOS elisa kit

Cardiovascular

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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