

## Chicken Endothelial nitric oxide synthase 3 ELISA Kit | ENOS-3 elisa kit

Chicken Endothelial nitric oxide synthase 3 ELISA Kit

|                              |                              |
|------------------------------|------------------------------|
| CATALOG #<br><b>AAA97401</b> | REACTIVITY<br><b>Chicken</b> |
|------------------------------|------------------------------|

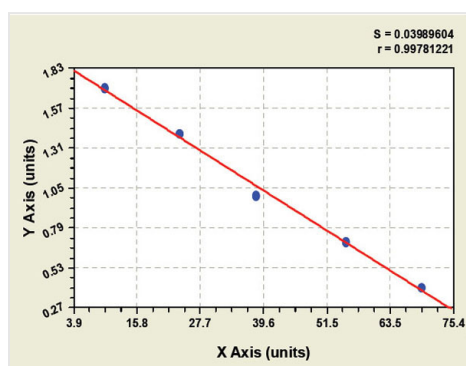
### PRODUCT SYNONYMS

Endothelial nitric oxide synthase 3; Chicken Endothelial nitric oxide synthase 3 ELISA Kit; ENOS-3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                                                                                                                                     |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                  |
| Assay Type              | Competitive                                                                                                                                                                                 |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                                  |
| Intended Uses           | This ENOS-3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken ENOS-3. 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

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|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for ENOS-3 elisa kit | <p><b>Principle of the Assay:</b> ENOS-3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ENOS-3 antibody and an ENOS-3-HRP conjugate. The assay sample and buffer are incubated together with ENOS-3-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-3 concentration since ENOS-3 from samples and ENOS-3-HRP conjugate compete for the anti-ENOS-3 antibody binding site. Since the number of sites is limited, as more sites are occupied by ENOS-3 from the sample, fewer sites are left to bind ENOS-3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ENOS-3 concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for ENOS-3 elisa kit   | Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| NCBI GI #               | 379975450                                              |
| NCBI Official Full Name | endothelial nitric oxide synthase 3 isoform 3, partial |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/enos-3-chicken-elisa-kits/endothelial-nitric-oxide-synthase-3/97401>