

Human Endothelial nitric oxide synthase 3 ELISA Kit | ENOS 3 elisa kit

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CATALOG #
AAA82002

REACTIVITY
Human

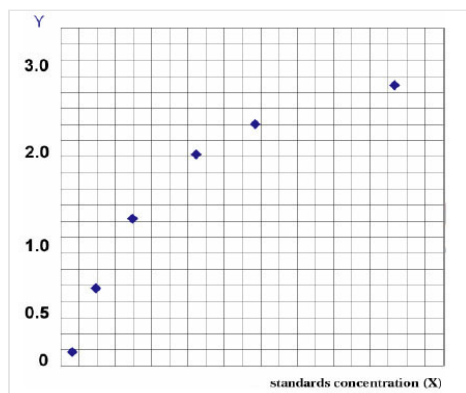
PRODUCT SYNONYMS

Endothelial nitric oxide synthase 3; Human Endothelial nitric oxide synthase 3 ELISA Kit; ENOS 3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ENOS 3 elisa kit	Intended Uses: This ENOS-3 ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration ofENOS-3 in the sample, thisENOS-3 ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versusENOS-3 concentration. The concentration ofENOS-3 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This ENOS-3 enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific forENOS-3. Standards or samples are then added to the microtiter plate wells andENOS-3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount ofENOS-3 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific forENOS-3 are added to each well to "sandwich" theENOS-3 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that containENOS-3 and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	379975450
Molecular Weight	51,109 Da
NCBI Official Full Name	endothelial nitric oxide synthase 3 isoform 3, partial
UniProt Protein Name	Endothelial nitric oxide synthase 3 isoform 3
UniProt Gene Name	NOS3
UniProt Entry Name	H9CZQ8_CHICK

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.