

Porcine Endothelial Nitric Oxide Synthase ELISA Kit | eNOS elisa kit

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CATALOG #
AAA89658

REACTIVITY
Porcine

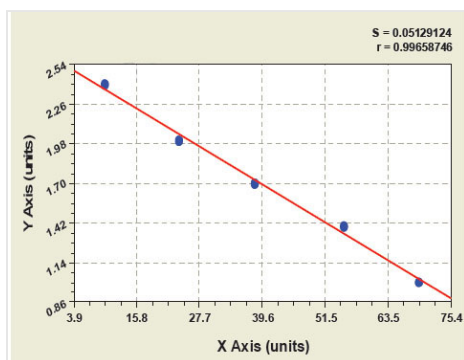
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	10-250 U/mL
Sensitivity	1.0 U/mL
Intended Uses	This eNOS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine 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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Online datasheet: <https://stage.aaabiotech.com/enos-porcine-elisa-kits/endothelial-nitric-oxide-synthase/89658>