

Human Endothelial Nitric Oxide Synthase 3 (eNOS-3) ELISA Kit | eNOS-3 elisa kit

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CATALOG #
AAA54195

REACTIVITY
Human

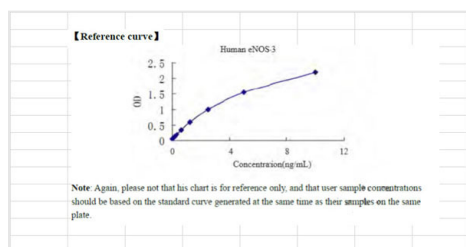
PRODUCT SYNONYMS

Endothelial Nitric Oxide Synthase 3 (eNOS-3); Human Endothelial Nitric Oxide Synthase 3 (eNOS-3) ELISA Kit; eNOS-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	306
Assay Type	Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
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

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human eNOS-3 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7259222
NCBI GeneID	24600

UniProt Accession #	Q9JJY7; Q62600
Molecular Weight	33,804 Da
NCBI Official Full Name	endothelial nitric oxide synthase 3, partial
NCBI Official Synonym Full Names	nitric oxide synthase 3, endothelial cell
NCBI Official Symbol	Nos3
NCBI Official Synonym Symbols	eNos
NCBI Protein Information	nitric oxide synthase, endothelial; cNOS; EC-NOS; NOSIII; NOS type III; endothelial NOS; constitutive NOS; endothelial nitric oxide synthase 3
UniProt Protein Name	Endothelial nitric oxide synthase 3
UniProt Gene Name	nos3
UniProt Entry Name	Q9JJY7_RAT

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/human-elisa-kits/endothelial-nitric-oxide-synthase-3-enos-3/54195>