

Human Nitric Oxide Synthase Trafficker (NOSTRIN) ELISA Kit | NOSTRIN elisa kit

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CATALOG #
AAA138601

REACTIVITY
Human

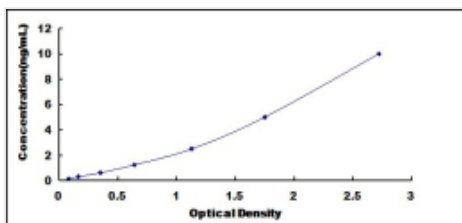
PRODUCT SYNONYMS

Nitric Oxide Synthase Trafficker (NOSTRIN); Human Nitric Oxide Synthase Trafficker (NOSTRIN) ELISA Kit; BM247 homolog; Nitric oxide synthase traffic inducer; eNOS-trafficking inducer; NOSTRIN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Nitric Oxide Synthase Trafficker (NOSTRIN). No significant cross-reactivity or interference between Nitric Oxide Synthase Trafficker (NOSTRIN) and analogues was observed.
Sequence Length	563
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Nitric Oxide Synthase Trafficker (NOSTRIN) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Nitric Oxide Synthase Trafficker (NOSTRIN) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOSTRIN elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Nitric Oxide Synthase Trafficker (NOSTRIN). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Nitric Oxide Synthase Trafficker (NOSTRIN). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Nitric Oxide Synthase Trafficker (NOSTRIN), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Nitric Oxide Synthase Trafficker (NOSTRIN) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for NOSTRIN elisa kit	Metabolic pathway; Infection immunity; Cardiovascular biology; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	284172483
NCBI GeneID	115677
NCBI Accession #	NP_001165103.1
NCBI GenBank Nucleotide #	NM_001171632.1
UniProt Accession #	Q8IWI9; Q27HG3; Q53S62; Q96CJ9; A8K2I9; B3KSF5; E7EPT9
Molecular Weight	64,364 Da
NCBI Official Full Name	nostrin isoform 3
NCBI Official Synonym Full Names	nitric oxide synthase trafficking
NCBI Official Symbol	NOSTRIN
NCBI Official Synonym Symbols	DaIP2
NCBI Protein Information	nostrin
UniProt Protein Name	Nostrin
UniProt Gene Name	NOSTRIN
UniProt Entry Name	NOSTN_HUMAN

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/nitric-oxide-synthase-trafficker-nostrin/138601>