

Rat Nitric oxide synthase, brain ELISA Kit | Nos1 elisa kit

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CATALOG #
AAA194066

REACTIVITY
Rat

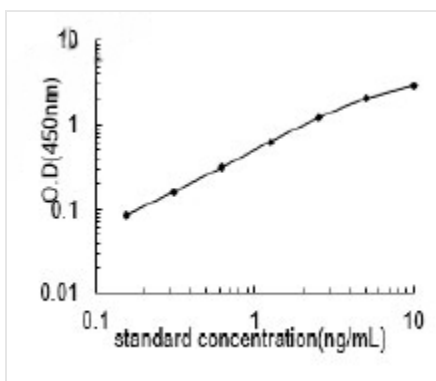
PRODUCT SYNONYMS

Nitric oxide synthase; brain; Rat Nitric oxide synthase; brain ELISA Kit; BNOS; Constitutive NOS; NC-NOS; NOS type I; Neuronal NOS; N-NOS; nNOS; Peptidyl-cysteine S-nitrosylase NOS1; Nos1; Bnos; 1.14.13.39; Nos1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1463
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nos1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[16258811](#)

NCBI GeneID	24598
NCBI Accession #	NP_434686.1
NCBI GenBank Nucleotide #	NM_052799.1
UniProt Accession #	P29476 ; P70594
Molecular Weight	164,430 Da
NCBI Official Full Name	nitric oxide synthase, brain
NCBI Official Synonym Full Names	nitric oxide synthase 1
NCBI Official Symbol	Nos1
NCBI Official Synonym Symbols	bNOS
NCBI Protein Information	nitric oxide synthase, brain
UniProt Protein Name	Nitric oxide synthase, brain
UniProt Gene Name	Nos1
UniProt Synonym Gene Names	Bnos; N-NOS; nNOS
UniProt Entry Name	NOS1_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/nos1-rat-elisa-kits/nitric-oxide-synthase-brain/194066>