

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

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CATALOG #
AAA191150

REACTIVITY
Mouse

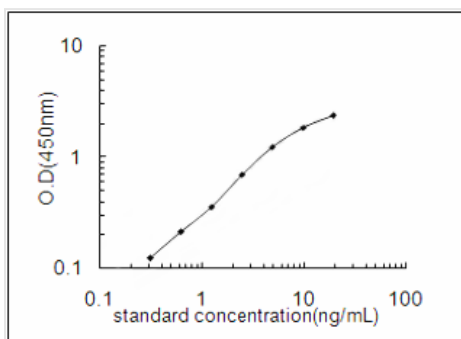
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Nitric oxide synthase, brain. No significant cross-reactivity or interference was
Sequence Length	1429
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.31 ng/mL -20.0 ng/mL
Sensitivity	<0.156 ng/mL.
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 mouse Nitric oxide synthase, brain concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Nitric oxide synthase, brain. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Nitric oxide synthase, brain and 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 Nitric oxide synthase, brain, 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 Nitric oxide synthase, brain in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6724321
NCBI GeneID	18125
NCBI Accession #	NP_032738.1
NCBI GenBank Nucleotide #	NM_008712.3
UniProt Accession #	Q9Z0J4; Q3UR10; Q64208
Molecular Weight	164,343 Da
NCBI Official Full Name	nitric oxide synthase, brain
NCBI Official Synonym Full Names	nitric oxide synthase 1, neuronal
NCBI Official Symbol	Nos1
NCBI Official Synonym Symbols	NO; NOS; bNOS; nNOS; N-NOS; NOS-I; Nos-1; NC-NOS; 2310005C01Rik
NCBI Protein Information	nitric oxide synthase, brain
UniProt Protein Name	Nitric oxide synthase, brain
UniProt Gene Name	Nos1
UniProt Synonym Gene Names	N-NOS; nNOS
UniProt Entry Name	NOS1_MOUSE

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.