

Human Nitric Oxide Synthase, Brain, nNOS ELISA Kit | nNOS elisa kit

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CATALOG #
AAA41764

REACTIVITY
Human

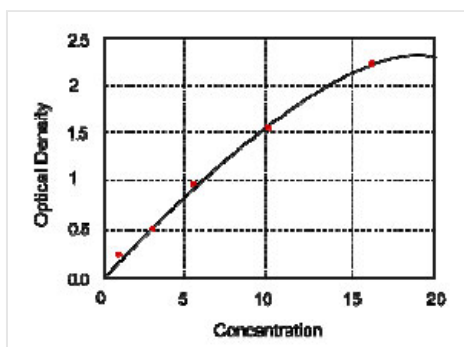
PRODUCT SYNONYMS

Nitric Oxide Synthase; Brain; nNOS; Human Nitric Oxide Synthase; ELISA Kit; nNOS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	118
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1 - 40ng/ml
Sensitivity	0.053ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for nNOS elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Nitric oxide synthase,brain (also known as Nos1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human Nos1 antibody. Nos1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human Nos1 Antibody is added and binds to Nos1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Nos1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human Nos1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4262036
NCBI GeneID	4846
UniProt Accession #	P29474; Q13662; Q14251; Q14434; Q548C1; Q6GSL5; Q9UDC6; A0S0A7; A0S0A8; A8KA63; B2RCQ1; E9PFR2
Molecular Weight	68,965 Da
NCBI Official Full Name	nitric oxide synthase, partial
NCBI Official Synonym Full Names	nitric oxide synthase 3
NCBI Official Symbol	NOS3
NCBI Official Synonym Symbols	eNOS; ECNOS
NCBI Protein Information	nitric oxide synthase, endothelial
UniProt Protein Name	Nitric oxide synthase, endothelial
UniProt Gene Name	NOS3
UniProt Synonym Gene Names	cNOS; eNOS; NOSIII

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.