

Human Nitric Oxide Synthase Interacting Protein (NOSIP) ELISA Kit | NOSIP elisa kit

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CATALOG #
AAA66810

REACTIVITY
Human

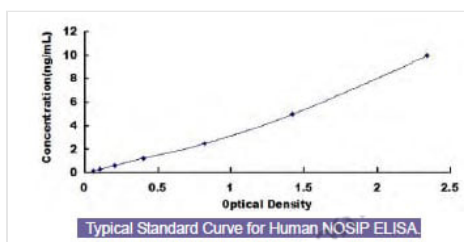
PRODUCT SYNONYMS

Nitric Oxide Synthase Interacting Protein (NOSIP); Human Nitric Oxide Synthase Interacting Protein (NOSIP) ELISA Kit; NOSIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NOSIP. No significant cross-reactivity or interference between NOSIP and analogues was observed.
Sequence Length	301
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.053ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NOSIP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NOSIP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOSIP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NOSIP in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NOSIP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NOSIP. 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 NOSIP, 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 NOSIP 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 #	401709927
NCBI GeneID	51070
NCBI Accession #	NP_001257889.1
NCBI GenBank Nucleotide #	NM_001270960.1
UniProt Accession #	Q9Y314; Q96FD2
Molecular Weight	33,172 Da
NCBI Official Full Name	nitric oxide synthase-interacting protein
NCBI Official Synonym Full Names	nitric oxide synthase interacting protein
NCBI Official Symbol	NOSIP
NCBI Official Synonym Symbols	CGI-25
NCBI Protein Information	nitric oxide synthase-interacting protein
UniProt Protein Name	Nitric oxide synthase-interacting protein
UniProt Gene Name	NOSIP

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.