

Mouse NADPH oxidase 1 ELISA Kit | Nox1 elisa kit

Mouse NADPH oxidase 1 ELISA Kit

CATALOG #
AAA23284

REACTIVITY
Mouse

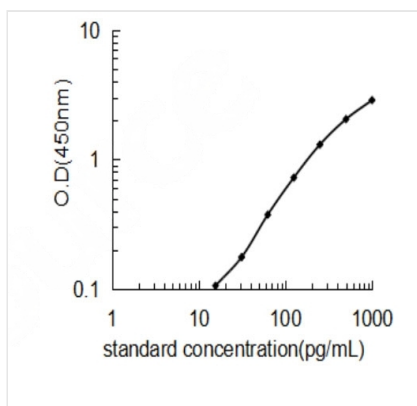
PRODUCT SYNONYMS

NADPH oxidase 1; Mouse NADPH oxidase 1 ELISA Kit; NOX-1; Nox1; Nox1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse NADPH oxidase 1,NOX-1
Sequence Length	563
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	15.6-1000 pg/mL
Sensitivity	< 7.9 pg/mL
Intra-assay Precision	<=5.9%
Inter-assay Precision	<=8.4%
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 Nox1 elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	26251303
NCBI GeneID	237038
NCBI Accession #	NP_757340.1
NCBI GenBank Nucleotide #	NM_172203.2
UniProt Accession #	Q8CIZ9; Q0KKX3; Q0KKX5; Q811U2; A2AEK5
Molecular Weight	59,143 Da
NCBI Official Full Name	NADPH oxidase 1
NCBI Official Synonym Full Names	NADPH oxidase 1
NCBI Official Symbol	Nox1
NCBI Official Synonym Symbols	MOX1; NOH1; NOH-1; NOX1a; Nox-1; GP91-2; NOX1alpha
NCBI Protein Information	NADPH oxidase 1
UniProt Protein Name	NADPH oxidase 1
UniProt Gene Name	Nox1
UniProt Synonym Gene Names	NOX-1
UniProt Entry Name	NOX1_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.

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Online datasheet: <https://stage.aaabiotech.com/nox1-mouse-elisa-kits/nadph-oxidase-1/23284>