

Mouse NADPH oxidase 4 ELISA Kit | Nox4 elisa kit

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CATALOG #
AAA23214

REACTIVITY
Mouse

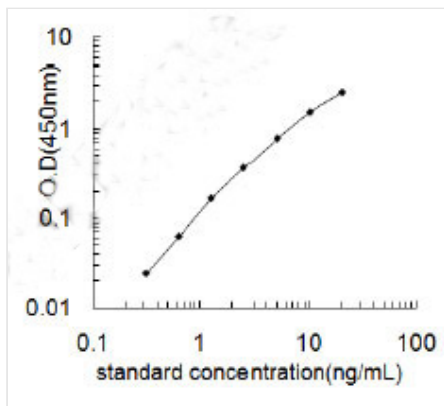
PRODUCT SYNONYMS

NADPH oxidase 4; Mouse NADPH oxidase 4 ELISA Kit; Kidney oxidase-1; KOX-1; Kidney superoxide-producing NADPH oxidase; Renal NAD(P)H-oxidase; Superoxide-generating NADPH oxidase 4; Nox4; Renox; Nox4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse NADPH oxidase 4
Sequence Length	578
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-assay Precision	<=6.8%
Inter-assay Precision	<=8.7%
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 Nox4 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 $\pm$ 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657389
NCBI GeneID	50490
NCBI Accession #	NP_056575.1
NCBI GenBank Nucleotide #	NM_015760.5
UniProt Accession #	Q9JHI8; Q3TF39; Q8C3M1; Q8VCA3
Molecular Weight	71,244 Da
NCBI Official Full Name	NADPH oxidase 4 isoform 1
NCBI Official Synonym Full Names	NADPH oxidase 4
NCBI Official Symbol	Nox4
NCBI Official Synonym Symbols	AI648021
NCBI Protein Information	NADPH oxidase 4
UniProt Protein Name	NADPH oxidase 4
UniProt Gene Name	Nox4
UniProt Synonym Gene Names	Renox; KOX-1
UniProt Entry Name	NOX4_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/nox4-mouse-elisa-kits/nadph-oxidase-4/23214>