

Human NADPH oxidase 1 (NOX1) ELISA Kit | NOX1 elisa kit

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CATALOG #
AAA44208

REACTIVITY
Human

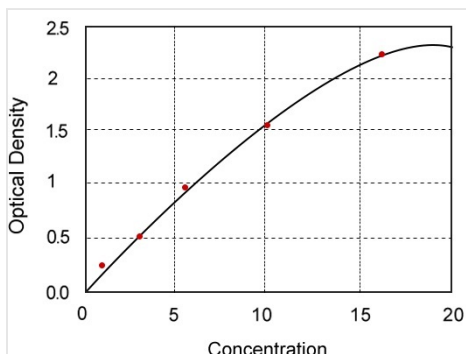
PRODUCT SYNONYMS

NADPH oxidase 1 (NOX1); Human NADPH oxidase 1 (NOX1) ELISA Kit; NOX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	563
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.09ng/ml
Intra-Assay	CV<8%
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 NOX1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human NADPH Oxidase 1 (also known as NOX1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human NOX1 antibody. NOX1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human NOX1 Antibody is added and binds to NOX1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NOX1 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 NOX1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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	65,128 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

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/human-elisa-kits/nadph-oxidase-1-nox1/44208>