

Human NADPH oxidase 4 (NOX4) ELISA Kit | NOX4 elisa kit

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CATALOG #
AAA44256

REACTIVITY
Human

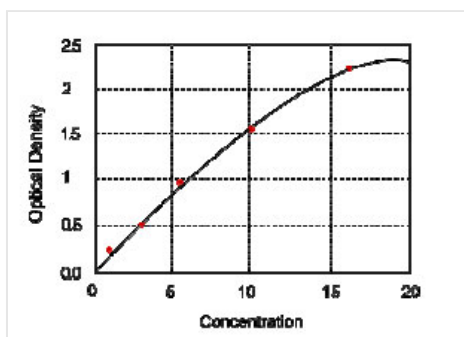
PRODUCT SYNONYMS

NADPH oxidase 4 (NOX4); Human NADPH oxidase 4 (NOX4) ELISA Kit; NOX4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	578
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1500ng/L
Sensitivity	2.36ng/L
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 NOX4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human NADPH Oxidase 4 (also known as NOX4) 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 NOX4 antibody. NOX4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human NOX4 Antibody is added and binds to NOX4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NOX4 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 NOX4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7739704
NCBI GeneID	50507
Molecular Weight	58,410 Da
NCBI Official Full Name	NADPH oxidase 4
NCBI Official Synonym Full Names	NADPH oxidase 4
NCBI Official Symbol	NOX4
NCBI Official Synonym Symbols	KOX; KOX-1; RENOX
NCBI Protein Information	NADPH oxidase 4
UniProt Protein Name	NADPH oxidase 4
UniProt Gene Name	NOX4
UniProt Synonym Gene Names	RENOX; KOX-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-4-nox4/44256>