

Mouse NADPH Oxidase 4 ELISA Kit | NADPH Oxidase 4 elisa kit

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CATALOG #
AAA121631

REACTIVITY
Mouse

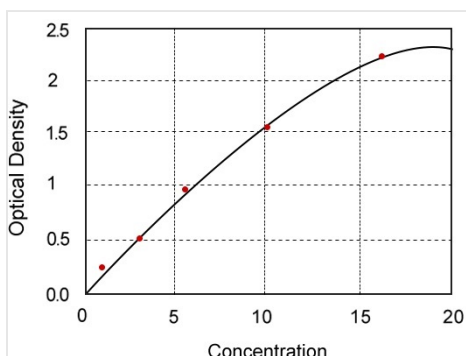
PRODUCT SYNONYMS

NADPH Oxidase 4; Mouse NADPH Oxidase 4 ELISA Kit; NADPH Oxidase 4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	578
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.13ng/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 NADPH Oxidase 4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse NADPH Oxidase 4 (also known as NOX4) 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 Mouse NOX4 antibody. NOX4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse 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 Mouse 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/mouse-elisa-kits/nadph-oxidase-4/121631>