

Rat NADPH Oxidase 2, NOX2 ELISA Kit | NOX2 elisa kit

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CATALOG #
AAA123102

REACTIVITY
Rat

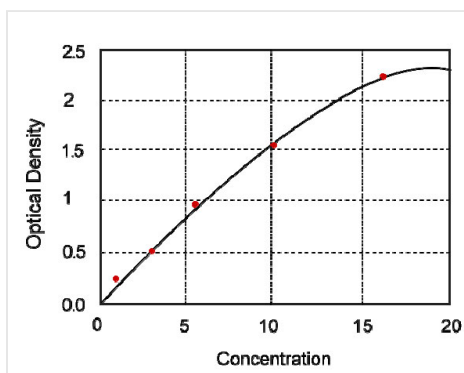
PRODUCT SYNONYMS

NADPH Oxidase 2; NOX2; Rat NADPH Oxidase 2; NOX2 ELISA Kit; NOX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	581
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-40ng/ml
Sensitivity	0.049ng/ml
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 NOX2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat NOX2 antibody. NOX2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat NOX2 Antibody is added and binds to NOX2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NOX2 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 Rat NOX2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat NADPH oxidase 2 (also known as NOX2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	759000736
NCBI GeneID	5847647
NCBI GenBank Nucleotide #	XP_011395315.1
NCBI Official Full Name	NADPH oxidase 2
NCBI Official Symbol	nox-2
NCBI Protein Information	NADPH oxidase 2; NADPH oxidase 2, variant

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/rat-elisa-kits/nadph-oxidase-2-nox2/123102>