

Rat Nicotinamide Adenine Dinucleotide Phosphate Oxidase 1 (NOX1) RTU ELISA Kit | NOX1 rtu elisa kit

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CATALOG # AAA217425	REACTIVITY Rat
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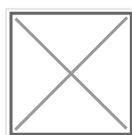
PRODUCT SYNONYMS

Nicotinamide Adenine Dinucleotide Phosphate Oxidase 1 (NOX1); Rat Nicotinamide Adenine Dinucleotide Phosphate Oxidase 1 (NOX1) ELISA Kit; MOX1; GP91-2; NOH1; NADPH Oxidase 1; Mitogenic Oxidase(Pyridine Nucleotide-Dependent Superoxide-Generating; NADH/NADPH mitogenic oxidase subunit P65-MOX; NOX1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	563
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.128ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOX1 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NOX1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NOX1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain NOX1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of NOX1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16758500
NCBI GeneID	114243
NCBI Accession #	NP_446135.1
NCBI GenBank Nucleotide #	NM_053683.1
UniProt Accession #	Q9WV87
Molecular Weight	65,177 Da
NCBI Official Full Name	NADPH oxidase 1
NCBI Official Synonym Full Names	NADPH oxidase 1
NCBI Official Symbol	Nox1
NCBI Protein Information	NADPH oxidase 1
UniProt Protein Name	NADPH oxidase 1
UniProt Gene Name	Nox1
UniProt Synonym Gene Names	Mox1; Noh1; NOX-1; MOX-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/rat-rtu-elisa-kits/nicotinamide-adenine-dinucleotide-phosphate-oxidase-1-nox1/217425>