

Human NOX1 ELISA Kit | NOX1 elisa kit

Human NOX1 (Nicotinamide Adenine Dinucleotide Phosphate Oxidase 1) ELISA Kit

CATALOG #
AAA165582

REACTIVITY
Human

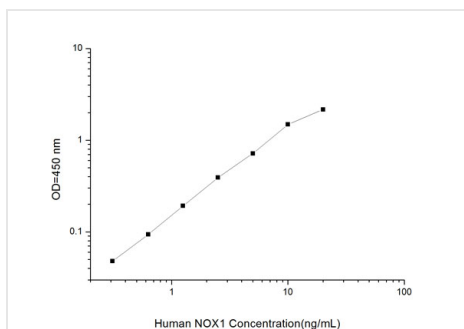
PRODUCT SYNONYMS

NOX1; Human NOX1 (Nicotinamide Adenine Dinucleotide Phosphate Oxidase 1) ELISA Kit; NOX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human NOX1. No significant cross-reactivity or interference between Human NOX1 and analogues was observed.
Sequence Length	527
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOX1 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanNOX1concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to NOX1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for NOX1and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain NOX1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of NOX1.You can calculate the concentration of NOX1in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	425854820
NCBI GeneID	27035
NCBI Accession #	NP_001258744.1
NCBI GenBank Nucleotide #	NM_001271815.1
UniProt Accession #	Q9Y5S8; O95691; Q2PP02; A8K836
Molecular Weight	58,972 Da
NCBI Official Full Name	NADPH oxidase 1 isoform 3
NCBI Official Synonym Full Names	NADPH oxidase 1
NCBI Official Symbol	NOX1
NCBI Official Synonym Symbols	MOX1; NOH1; NOH-1; GP91-2
NCBI Protein Information	NADPH oxidase 1; NADH/NADPH mitogenic oxidase subunit P65-MOX; NADPH oxidase homolog-1; mitogenic oxidase (pyridine nucleotide-dependent superoxide-generating); mitogenic oxidase 1
UniProt Protein Name	NADPH oxidase 1
UniProt Gene Name	NOX1
UniProt Synonym Gene Names	MOX1; NOH1; NOX-1; MOX-1
UniProt Entry Name	NOX1_HUMAN

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.