

Human NOX4 (Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4) ELISA Kit | NOX4 elisa kit

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CATALOG #
AAA271179

REACTIVITY
Human

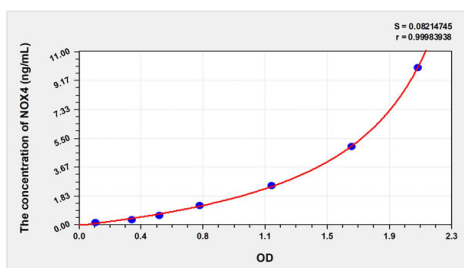
PRODUCT SYNONYMS

NOX4 (Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4); Human NOX4 (Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4) ELISA Kit; KOX; KOX-1; RENOX; NADPH Oxidase 4; NOX4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Tissue homogenates, cell lysates and other biological fluids
Assay Type	Sandwich
Detection Range	0.16-10 ng/mL
Sensitivity	0.057 ng/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOX4 elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4(NOX4). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4(NOX4). 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 Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4(NOX4), 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 Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4(NOX4) in the samples is then determined by comparing the OD of the samples to the standard curve.

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/nox4-nicotinamide-adenine-dinucleotide-phosphate-oxidase-4/271179>