

General NADH Oxidase Assay Kit

NADH Oxidase Microplate Assay Kit

CATALOG # AAA27820	REACTIVITY General	APPLICATIONS Functional Assay
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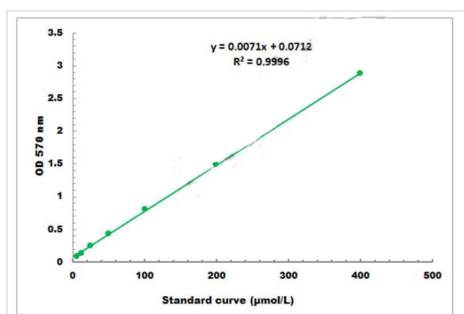
PRODUCT SYNONYMS

NADH Oxidase; NADH Oxidase Microplate Assay Kit; NOX; NADH Oxidase assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	560
Samples	Tissue extracts, Cell lysate Samples
Detection Range	4 umol/L - 400 umol/L
Applicable Applications for NADH Oxidase assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NADH Oxidase assay kit

Background: NADH oxidase is a cyanide-resistant and hormone-responsive oxidase intrinsic to the plasma membrane of both plant and animal cells. The activity has many unique characteristics that distinguish it from other oxidases and oxidoreductases of both organelles and internal membranes and from other oxidoreductases of the plasma membrane. Among these are resistance to inhibition by cyanide, catalase, superoxide dismutase, and phenylchloromercuribenzoate. Activity is stimulated by hormones and growth factors and inhibited by quinone analogs such as piericidin, the flavin antagonist atebtrin, and growth inhibiting gangliosides such as GM3. NADH Oxidase Microplate Assay Kit provides a simple and direct procedure for measuring NADH Oxidase activity levels. The assay is initiated with the enzymatic hydrolysis of the NADH by NOX. The enzyme catalysed reaction products can be measured at a colorimetric readout at 570 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32475637
NCBI Accession #	NP_868631.1

NCBI GenBank Nucleotide #	NC_005027.1
NCBI Official Full Name	NADH oxidase

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://www.aaabiotech.com/general-assay-kits/nadh-oxidase/27820>