CREATIVE BIOMART®
Assay Kit

NADH Oxidase (NOX) Activity Assay Kit

Product Information

Product Overview

NADH oxidase (NOX, EC 1.6.99.3) is widely distributed in animals, plants, microorganisms, and cultured cells. It catalyzes direct oxidation of NADH to NAD in the presence of oxygen and participates in NAD regeneration and immune responses.
NADH oxidation is coupled with reduction of 2,6-dichlorophenolindophenol (DCPIP), which changes from blue to colorless. The reduction rate of DCPIP at 600 nm reflects NOX activity.

Size

100t/48s

Storage

Store at -20 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

Materials Required but Not Supplied

Visible spectrophotometer or microplate reader, benchtop centrifuge, water bath, adjustable pipettes, micro quartz cuvettes or 96-well plates, mortar, ice, distilled water.

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