CREATIVE BIOMART®
Assay Kit

NAD-Malate Dehydrogenase (NAD-MDH) Activity Assay Kit

Product Information

Product Overview

Significance: MDH catalyzes interconversion of malate and oxaloacetate in mitochondria and cytoplasm, linking multiple metabolic pathways and playing key roles in energy metabolism and ROS regulation.
Principle: NAD-MDH catalyzes NADH-dependent reduction of oxaloacetate to malate, causing absorbance decrease at 340 nm.

Size

50t/48s

Storage

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

Detection method Ultraviolet Spectrophotometry

Materials Required but Not Supplied

UV spectrophotometer, bench-top centrifuge, water bath, adjustable micropipettes, 1 mL quartz cuvettes, distilled water.

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