CREATIVE BIOMART®
Assay Kit

Monodehydroascorbate Reductase (MDHAR) Activity Assay Kit

Product Information

Product Overview

Significance: MDHAR catalyzes the reduction of monodehydroascorbate (MDHA) to ascorbic acid (AsA) and plays a crucial role in ascorbate redox metabolism.
Principle: MDHAR catalyzes the reduction of MDHA using NADH, producing AsA and NAD⁺. NADH exhibits a characteristic absorbance peak at 340 nm, whereas NAD⁺does not. MDHAR activity is calculated by measuring the rate of decrease in absorbance at 340 nm.

Size

50t/48s

Storage

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

Detection method Ultraviolet Spectrophotometry

Materials Required but Not Supplied

Mortar, ice, benchtop centrifuge, UV spectrophotometer, 1 mL quartz cuvettes, adjustable pipettes, and distilled water.

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA