CREATIVE BIOMART®
Assay Kit

Mitochondrial Complex III/CoQ-Cytochrome C Reductase Activity Assay Kit

Product Information

Product Overview

Significance of Measurement: Mitochondrial complex III (EC 1.10.2.2), also known as CoQ–cytochrome c reductase, is a key component of the mitochondrial electron transport chain. It transfers electrons from reduced coenzyme Q to cytochrome c.
Principle of Measurement: Reduced cytochrome c exhibits a characteristic absorption peak at 550 nm. The increase in absorbance at 550 nm reflects the activity of mitochondrial complex III.

Size

25t/12s

Storage

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

Detection method Spectrophotometer

Materials Required but Not Supplied

UV spectrophotometer, benchtop centrifuge, water bath, adjustable pipettes, glass cuvettes, mortar, ice, and distilled water.

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