CREATIVE BIOMART®
Assay Kit

Mitochondrial Complex II/Succinate-Coenzyme Q Reductase Activity Assay Kit

Product Information

Product Overview

Significance: Complex II (succinate–CoQ reductase) catalyzes succinate oxidation to fumarate and reduces FAD to FADH₂, which then reduces oxidized CoQ to CoQH₂, part of the respiratory electron transport chain.
Principle: Reduced CoQ reduces 2,6-dichloroindophenol, which absorbs at 605 nm. Activity is calculated from the reduction rate.

Size

25t/24s

Storage

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

Detection method Spectrophotometer

Materials Required but Not Supplied

UV spectrophotometer, centrifuge, water bath, adjustable pipettes, 1 mL glass cuvettes, mortar, ice, distilled water.

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