CREATIVE BIOMART®
Assay Kit

NADP Malic Enzyme (NADP-ME) Activity Assay Kit

Product Information

Product Overview

Significance of Measurement: Total antioxidant capacity (T-AOC) reflects the combined action of enzymatic and non-enzymatic antioxidants in biological samples. It provides an overall assessment of the antioxidant defense system.
Principle of Measurement: Antioxidants in the sample reduce Fe³⁺ to Fe²⁺, which forms a stable colored complex with chromogenic reagents. The absorbance measured at 593 nm is proportional to total antioxidant capacity.

Size

100t/96s

Storage

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

Synonyms

NADP-ME Kit

Detection method Spectrophotometer/Microplate Reader

Technical Notes

For measurements using a 96-well plate, a 96-well UV plate must be used.

Materials Required but Not Supplied

Visible spectrophotometer or microplate reader, adjustable pipettes, quartz cuvettes or 96-well plates, and distilled water.

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