CREATIVE BIOMART®
Assay Kit

Plant Sucrose Content Assay Kit

Product Information

Product Overview

Significance: Sucrose is the main photosynthetic product, and a major form of sugar transport and storage in plants. Measurement reflects plant sugar metabolism and is important in beverage, honey, fruit, candy, and dairy quality control.
Principle: Acid hydrolysis produces glucose and fructose. Fructose reacts with resorcinol to form colored compounds, absorbing at 480 nm.

Size

100t/96s

Storage

Store at 2–8 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

Materials Required but Not Supplied

Visible spectrophotometer/microplate reader, water bath, adjustable pipettes, micro quartz cuvettes/96-well plates, distilled water.

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