CREATIVE BIOMART®
Assay Kit

Maltase/Alpha-Gucosidase Activity Assay Kit

Product Information

Product Overview

Significance: a-Glucosidase hydrolyzes a-glycosidic bonds, releasing glucose. It is involved in cell wall modification, cell recognition, and signal molecule generation.
Principle: The enzyme hydrolyzes p-nitrophenyl-a-D-glucopyranoside to p-nitrophenol, which absorbs maximally at 400 nm. The increase in absorbance rate is proportional to enzyme activity.

Size

50t/24s

Storage

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

Detection method Spectrophotometer

Materials Required but Not Supplied

Visible spectrophotometer, bench-top centrifuge, water bath, adjustable micropipettes, 1 mL glass cuvettes, mortar and pestle, ice, distilled water.

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