CREATIVE BIOMART®
Assay Kit

Beta-1,3-Glucanase Activity Assay Kit

Product Information

Product Overview

β-1,3-Glucanase (EC 3.2.1.39) is mainly present in plants and catalyzes hydrolysis of β-1,3-glucosidic bonds. Its activity is induced under pathogen infection or stress conditions and is widely used in plant pathology and stress physiology studies.
β-1,3-Glucanase hydrolyzes laminarin to produce reducing ends. Enzyme activity is calculated by measuring the rate of reducing sugar formation.

Size

50t/24s

Storage

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

Detection method Spectrophotometer

Materials Required but Not Supplied

Visible spectrophotometer, benchtop centrifuge, water bath or incubator, adjustable pipettes, 1 mL glass cuvettes, homogenizer or sonicator, ice, distilled water.

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