CREATIVE BIOMART®
Assay Kit

Pectinase Activity Assay Kit

Product Information

Product Overview

Pectinase is a collective term for enzymes that degrade pectin, including protopectinase, pectin esterase, polygalacturonase, and pectate lyase. It is widely present in plants and microorganisms and used in food, brewing, environmental, pharmaceutical, textile, and personal care industries. Pectinase hydrolyzes pectin to produce galacturonic acid with reducing aldehyde groups. Reaction with DNS reagent forms a red-brown product with characteristic absorbance at 540 nm, enabling enzyme activity calculation.

Size

50t/24s

Storage

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

Detection method Spectrophotometer

Materials Required but Not Supplied

Balance, refrigerated centrifuge, visible spectrophotometer, 1 mL glass cuvettes, thermostatic water bath.

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