

General Pectinase Assay Kit

Pectinase Microplate Assay Kit

CATALOG # AAA27819	REACTIVITY General	APPLICATIONS Functional Assay
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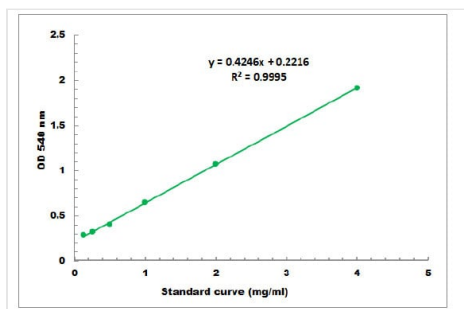
PRODUCT SYNONYMS

Pectinase; Pectinase Microplate Assay Kit; EC 3.2.1.15; Polygalacturonase; Pectin depolymerase; Pectinase assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	0.1 mg/ml - 4 mg/ml
Applicable Applications for Pectinase assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pectinase assay kit

Background: Pectinase is an enzyme that breaks down pectin, a polysaccharide found in plant cell walls. Commonly referred to as pectic enzymes, they include pectolyase, pectozyme and polygalacturonase. One of the most studied and widely used commercial pectinases is polygalacturonase. It is useful because pectin is the jelly-like matrix which helps cement plant cells together and in which other cell wall components, such as cellulose fibrils, are embedded. Therefore, pectinase enzymes are commonly used in processes involving the degradation of plant materials, such as speeding up the extraction of fruit juice from fruit, including apples and sapota. Pectinases have also been used in wine production since the 1960s. Pectinase Microplate Assay Kit provides a simple and direct procedure for measuring pectinase activity in a variety of samples. The assay is initiated with the enzymatic hydrolysis of the pectin by pectinase. The enzyme catalysed reaction products react with DNS, and can be measured at a colorimetric readout at 540 nm.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.