

Pectinase Assay Kit

Micro Pectinase Activity Assay Kit

CATALOG #
AAA332681

PRODUCT SYNONYMS

Pectinase; Micro Pectinase Activity Assay Kit; Pectinase assay kit

PRODUCT SPECIFICATIONS

Samples	Plant tissues, Bacteria, Fungi, Cell culture media or other Liquid samples
Kit Components	Extraction Buffer Reagent I Reagent II Reagent III Standard
Features & Benefits	The verified samples are complete in type and easy to operate.
Usage Notes	If not assayed immediately, samples can be stored at -80 degree C for one month. It is recommended to perform several dilutions of your sample to ensure the readings are within the standard value range. Fresh samples are necessary for good results. If don't perform the assay at the same time, it's better to complete the Sample Preparation step before storing the samples.
Preparation and Storage	Storage at 4 degree C and Keep from light immediately upon receipt. Kit has a storage time of 6 months from receipt. Refer to list of materials supplied for storage conditions of individual components. Shipping: Gel pack with blue ice.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for Pectinase assay kit

Pectinase is a general term for a class of enzymes that decompose pectin, including polygalacturonase, pectin esterase, pectin lyase, and pectin methylesterase. These enzymes are widely found in plant fruits and microorganisms and are primarily used in industries such as food, winemaking, environmental protection, pharmaceuticals, textiles, and daily chemical products. Micro Pectinase Activity Assay Kit offers a simple, convenient, and rapid approach for assessing sucrase activity, which is suitable for plant tissues, bacteria, fungi, cell culture media or other Liquid samples. The principle of the kit is based on the hydrolysis of pectin by pectinase to produce galacturonic acid, which has a reducing aldehyde group. This reacts with DNS reagent to form a reddish-brown substance that has a characteristic absorbance peak at 540 nm. Measuring the changes in absorbance at 540 nm allows for the calculation of pectinase activity.

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.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/pectinase/332681>