

Pectin Lyase (PL) Assay Kit | PL assay kit

Micro Pectin Lyase (PL) Activity Assay Kit

CATALOG #
AAA332682

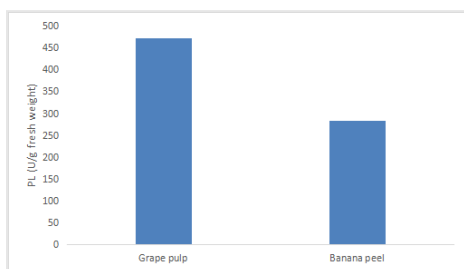
PRODUCT SYNONYMS

Pectin Lyase (PL); Micro Pectin Lyase (PL) Activity Assay Kit; PL assay kit

PRODUCT SPECIFICATIONS

Samples	Plant Tissues, Bacteria, Fungi and Culture media
Kit Components	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 PL assay kit	Pectin lyase (EC4.2.2.10) is an important component of pectinases, which is a depolymerase that can degrade plant cell walls, leading to the softening or even death of plant tissues. It has a wide range of sources, mainly from microorganisms. It can be used for clarification of fruit juice and wine, improving the yield of fruit juice, purification of plant viruses, bleaching of pulp, and biorefining of textiles. It has potential application value in reducing environmental pollution and lowering energy consumption. The Micro Pectin Lyase Activity Assay Kit offers a simple, convenient, and rapid method for detecting PL activity, suitable for samples such as plant tissues, bacteria, fungi, and culture media. Its principle involves pectin lyase acting on the alpha-1,4-glycosidic bonds in pectin to produce unsaturated oligogalacturonic acids with an unsaturated bond between C4 and C5 at the reducing end, which have a characteristic absorption peak at 235 nm.
Product Categories/Family for PL assay kit	Cell analysis ; Cell metabolism detection kit

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/pectin-lyase-pl/332682>