

Ploygalacturonase (PG) Assay Kit | PG assay kit

Micro Ploygalacturonase (PG) Activity Assay Kit

CATALOG #
AAA332668

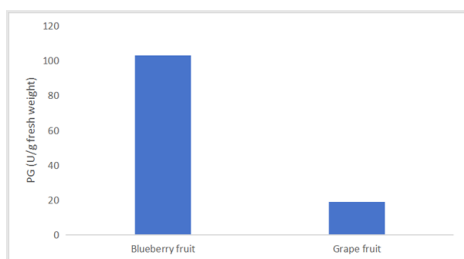
PRODUCT SYNONYMS

Ploygalacturonase (PG); Micro Ploygalacturonase (PG) Activity Assay Kit; PG assay kit

PRODUCT SPECIFICATIONS

Samples	Plant Tissue, Bacteria, Fungus, Liquid samples
Kit Components	Extraction Buffer Reagent I Reagent II 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 PG assay kit	Ploygalacturonase (PG)(EC 3.2.1.15) is a kind of pectinase, which is widely found in plants, bacteria and fungi. It catalyses the decomposition of polygalacturonic acid, which plays an important role in fruit softening, pollen pollination, seed maturation and organ shedding. In addition, when pathogenic bacteria infect host plants, they can secrete ploygalacturonase to degrade host cell wall, thus leading to the development of disease. Micro Ploygalacturonase (PG) Activity Assay Kit can be used to detect biological samples such as plant tissue, bacteria, fungus, liquid samples. In the kit, PG hydrolyzes polygalacturonic acid to produce galaturonate, which has a reducing aldehyde group, reacts with DNS reagent to produce reddish-brown substance, and has a characteristic absorption peak at 540 nm. The activity of ploygalacturonase can be calculated by measuring the change of absorption value at 540 nm.
Product Categories/Family for PG 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/poygalacturonase-pg/332668>