



## Polygalacturonase Activity Assay kit

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Polygalacturonase (EC3.2.1.15) is a cell wall binding protein that can catalyze the cleavage of alpha-(1,4)-polygalacturonic acid in pectin molecules and participates in the pectin Degradation disintegrates the cell wall structure and causes fruit softening. It is related to fruit maturity, leaf and flower shedding, pathogen defense, cell expansion and lignification, and has high research value in the field of plant disease resistance and food storage and preservation.

Polygalacturonase hydrolyzes pectic acid to produce galacturonic acid, which has a reducing aldehyde group, and reacts with DNS reagent to produce reddish brown substance. It has a characteristic absorption peak at 540nm. The change in absorbance at 540nm can be calculated. Polygalacturonase activity.

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|-------------------|------------------------|
| Catalog No.       | 250266                 |
| Size              | 50 Assays / 100 Assays |
| Product Category  | Colorimetric Assay     |
| Storage/Stability | 2 ~ 8°C/1 year         |
| Shipping          | Gel Packs              |