

Polyphenol Oxidase (PPO) Assay Kit | PPO assay kit

Polyphenol Oxidase (PPO) Activity Colorimetric Assay Kit

CATALOG #
AAA31533

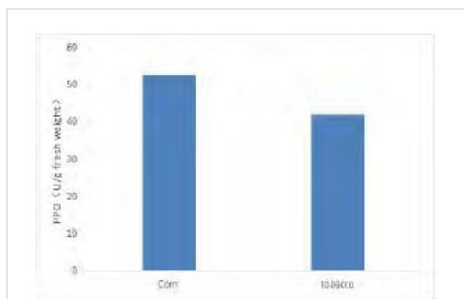
PRODUCT SYNONYMS

Polyphenol Oxidase (PPO); Polyphenol Oxidase (PPO) Activity Colorimetric Assay Kit; PPO; Polyphenol Oxidase; PPO assay kit

PRODUCT SPECIFICATIONS

Samples	Plant Tissues
Preparation and Storage	Storage at 4 degree C and protected from light upon receipt. Kit has a storage time of 12 months form receipt. Shipping: Gel pack with blue ice.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PPO assay kit	Principle of the Assay: Polyphenol Oxidase (PPO, EC1.10.3.1) is widely found in the plastids of plants, fungi, and insects. As a copper-containing oxidase, PPO can cause browning by oxidizing Monohydric Phenols and Dihydric Phenols to produce Quinones. This enzyme is also closely related to fruit and vegetable processing, tea quality and tissue culture. CheKine™ Micro Polyphenol Oxidase (PPO) Activity Assay Kit provides a simple method for detecting PPO activity in plant tissues. In the assay, PPO catalyzes catechol to generate quinone which has a characteristic absorption peak at 410 nm. The rate of quinone increase at 410 nm can reflect PPO activity.
Product Categories/Family for PPO assay kit	Cell Metabolism

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/polyphenol-oxidase-ppo/31533>