CREATIVE BIOMART®
Assay Kit

Polyphenol Oxidase (PPO) Activity Assay Kit

Product Information

Product Overview

Significance of Measurement: Polyphenol oxidase (PPO) is a copper-containing oxidase widely present in animals, plants, microorganisms, and cultured cells. It catalyzes the oxidation of mono- and diphenols to quinones, leading to enzymatic browning, which is closely related to fruit and vegetable processing, tea quality, and plant tissue culture.
Principle of Measurement: PPO catalyzes the oxidation of catechol to o-quinone, which exhibits a characteristic absorption peak at 410 nm. PPO activity is determined by monitoring absorbance at this wavelength.

Size

100t/48s

Storage

Store at 2–8 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA