

Ascorbate Peroxidase Assay Kit

Catalogue No.: abx298818

Ascorbate Peroxidase Assay Kit is an assay kit designed for the detection and quantification of Ascorbate Peroxidase activity in plant tissue using a spectrophotometer. Ascorbate Peroxidase (APX) catalyzes the reaction between ascorbic acid (ASA) and hydrogen peroxide (H₂O₂), and ASA can be oxidized to monodehydroascorbic acid (MDASA). The absorbance at 290 nm will decline as the oxidation of ASA increases. The APX activity can be calculated by measuring the decrease of A₂₉₀.

Target: Ascorbate Peroxidase

Reactivity: General

Storage: Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.

Validity: The validity for this kit is 12 months.

Test Range: 0.071 U/g tissue - 47 U/g tissue

Sensitivity: 0.071 U/g tissue

Detection Method: Colorimetric

Assay Data: Quantitative

Sample Type: Plant tissue.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.