



Ascorbate Peroxidase Activity Assay kit

Ascorbate Peroxidase is one of the important antioxidant enzymes for plants to remove active oxygen, and it is also one of the key enzymes for ascorbic acid metabolism. APX has a variety of isoenzymes, which are located on the membranes of chloroplasts, cytoplasm, mitochondria, peroxides and glyoxylates, as well as peroxides and thylakoid membranes. APX catalyzes the oxidation of AsA by H₂O₂ and is the main consumer of AsA in plants. The activity of APX directly affects the content of AsA. Under stress and relieving stress conditions, APX and AsA have a certain negative correlation.

APX catalyzes the oxidation of AsA by H₂O₂, and APX activity can be calculated by measuring the oxidation rate of AsA.

Catalog No.	250022
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	UV spectrophotometry
Storage/Stability	2-8°C/1 year
Shipping	Gel Packs