



## Ascorbate Peroxidase Activity Assay kit

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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 H<sub>2</sub>O<sub>2</sub> 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 H<sub>2</sub>O<sub>2</sub>, and APX activity can be calculated by measuring the oxidation rate of AsA.

Catalog No.	250022
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	2-8°C/1 year
Shipping	Gel Packs