



Cinnamyl Alcohol dehydrogenase Dehydrogenase Activity Assay kit

Cinnamyl alcohol dehydrogenase (CAD) is one of the key enzymes in the lignin biosynthetic pathway, which catalyzes the formation of cinnamyl alcohol that corresponds to coumarin, mustard aldehyde and coniferaldehyde. CAD is mostly found in higher plants, yeast, and bacteria, the study of this enzyme can explore the metabolic mechanism of lignin deposition during the development of various biological cells, and provide a basis for reducing the content of fruit stone cells and improving their quality. CAD catalyzes cinnamaldehyde and NADPH to cinnamyl alcohol and NADP⁺. In this kit, the activity of CAD is determined by the decrease rate of NADPH at 340 nm.

Catalog No.	250417
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/6 months
Shipping	Gel Packs