

## Phenylalanine Ammonia Lyase Activity Assay kit

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PAL (EC4. 3 1 5) is widely present in various plants and a few microorganisms. It is a key enzyme for the metabolism of phenylpropanes in plants. It is associated with some important secondary substances such as lignin, isoflavone phytoalexins, The synthesis of flavonoid pigments is closely related, and plays an important role in the normal growth and development of plants and the process of resisting pathogens.

PAL catalyzes the cleavage of L-phenylalanine into trans-cinnamic acid and ammonia. Trans-cinnamic acid has a maximum absorption value at 290nm. PAL activity is calculated by measuring the rate of increase in absorbance.

Catalog No.	250021
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	UV Spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs