



Plant 4-Coumarate CoA Ligase Activity Assay kit

Plant 4-Coumarate CoA Ligase (4CL) is one of the key enzymes in lignin biosynthesis, mainly catalyzing cinnamic acid and its hydroxy or methoxy derivatives to generate the corresponding coenzyme A esters, and these intermediate products then enter the branch synthesis pathway of phenylpropane derivatives. The enzyme mainly exist in higher plants, yeasts and fungi.

4CL catalyzes 4-coumaric acid and CoA to generate 4-coumaric acid CoA, which has a characteristic absorption peak at 333 nm.

Catalog No.	251422
Size	50 Assays / 100 Assays
Product Category	Plant / Soil Assay
Detection Method	UV spectrophotometry
Storage/Stability	-20°C/1 year
Shipping	Gel Packs