

Phenylalanine Ammonia Lyase (PAL) Activity Assay Kit

Cat No: HR3BC1269

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Spectrophotometer(290 nm)
Assay Time	70 min
Validity	6
Assay Type	Enzyme Activity
Sample Type	Serum, plasma, animal tissue, cells
Synonyms	PAL
Instrument	Spectrophotometer(290 nm)
Detection Principle	Phenylalanine ammonia lyase (PAL) can catalyze L-phenylalanine to produce trans-cinnamic acid and ammonia, and trans-cinnamic acid has the maximum absorption peak at 290 nm. PAL activity can be calculated by measuring the increase of OD value at 290 nm.
Reagents	
Labware	Tubes, Micropipettor, Vortex mixer, 37°C Incubator
Size	100 assays
Sensitivity	0.78 U/g tissue
Detection Range	0.78-156 U/g tissue
Recovery Rate	99