

General Phenylalanine ammonia-lyase Assay Kit | PAL1 assay kit

Phenylalanine ammonia-lyase Microplate Assay Kit

CATALOG # AAA27841	REACTIVITY General	APPLICATIONS Functional Assay
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PRODUCT SYNONYMS

Phenylalanine ammonia-lyase; Phenylalanine ammonia-lyase Microplate Assay Kit; EC 4.3.1.24; PAL; PAL1 assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	724
Samples	Tissue extracts, cell lysate samples
Applicable Applications for PAL1 assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

ADDITIONAL INFORMATION

Related Product Information for PAL1 assay kit	Background/Introduction: PAL widely found in various plants and a few micro-organisms, is a key enzyme in plants phenylpropanoid metabolism, and closely related to some important secondary substances synthetic such as lignin, isoflavones phytoalexin, flavonoid pigments, and play an important role in normal growth and development in plants and against the bacteria resist. PAL catalytic cracking L- phenylalanine for trans-cinnamic acid and ammonia, trans-cinnamic acid has the maximum absorption value at 290 nm, PAL activity is calculated by measuring the absorbance increased rate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	568261083
Molecular Weight	78,095 Da
NCBI Official Full Name	phenylalanine ammonia lyase
UniProt Protein Name	Phenylalanine ammonia-lyase
UniProt Gene Name	PAL1
UniProt Entry Name	A0A0A7AAW9_FLAVE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/general-assay-kits/phenylalanine-ammonia-lyase/27841>