

Phosphoenolpyruvate Carboxylase (PEPC) Assay Kit | PEPC assay kit

Phosphoenolpyruvate Carboxylase (PEPC) Activity Assay Kit

CATALOG #
AAA178640

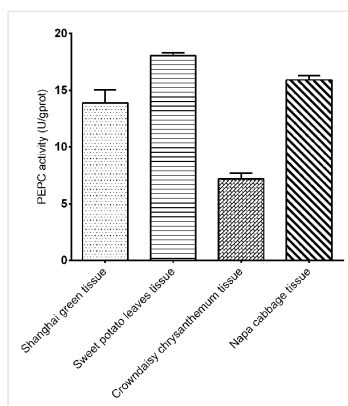
PRODUCT SYNONYMS

Phosphoenolpyruvate Carboxylase (PEPC); Phosphoenolpyruvate Carboxylase (PEPC) Activity Assay Kit; PEPC assay kit

PRODUCT SPECIFICATIONS

Samples	plant tissue
Detection Range	0.72-25.61 U/L
Sensitivity	0.72 U/L
Detection Method	Colorimetric method
Detection Instrument	Microplate reader
Assay Time	25 min
Research Area	Plant Physiology Series
Test Principle	Phosphoenolpyruvate carboxylase (PEPC) catalyzes phosphoenolpyruvate (PEP) to produce oxaloacetic acid, which further reacts with NADH. NADH has maximum absorption at 340 nm. The activity of PEPC can be calculated by measuring the change of absorbance value at 340 nm.
Precision	Inter Assay CV: 8.5-10.6% Intra Assay CV: 1.5-4.3%
Preparation and Storage	This product can be stored at 2~8 degree C for 12 months with shading light. Ship: Ice bag

IMAGES



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for PEPC assay kit

Metabolism Assay; Cell Metabolism Assays; Plant Physiology Series; Enzyme Activity

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://stage.aaabiotech.com/assay-kits/phosphoenolpyruvate-carboxylase-pepc/178640>