

General Phosphoenolpyruvate Carboxylase Assay Kit

Phosphoenolpyruvate Carboxylase Microplate Assay Kit

CATALOG # AAA27842	REACTIVITY General	APPLICATIONS Functional Assay
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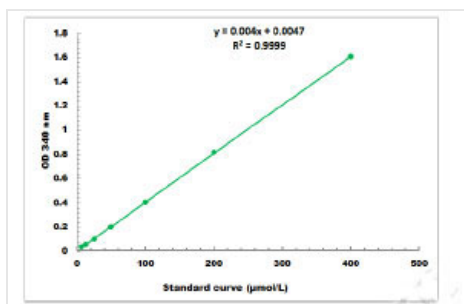
PRODUCT SYNONYMS

Phosphoenolpyruvate Carboxylase; Phosphoenolpyruvate Carboxylase Microplate Assay Kit; EC 4.1.1.31; Phosphoenolpyruvate carboxylase; PEP carboxylase; PEPCase; Phosphoenolpyruvic carboxylase; PEPC; Phosphoenolpyruvate Carboxylase assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	1323
Samples	Urine, serum, plasma, tissue extracts, cell lysate, cell culture media and other biological fluids samples
Detection Range	4 umol/L - 400 umol/L
Applicable Applications for Phosphoenolpyruvate Carboxylase assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Phosphoenolpyruvate Carboxylase assay kit	Background/Introduction: PEPC (phosphoenolpyruvate carboxylase), EC 4.1.1.31, belongs to an enzyme family of carboxy-lyases that is catalyzing adding for carbon dioxide to phosphoenolpyruvate (PEP) to form oxaloacetate. The formation of oxaloacetate is monitored spectrophotometrically in a malate dehydrogenase coupled system. The reaction velocity is measured as a decrease in A340 resulting from the oxidation of NADH.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	878419985
NCBI Official Full Name	phosphoenolpyruvate carboxylase

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.

