

Pyruvate Carboxylase (PC) Assay Kit | PC assay kit

Micro Pyruvate Carboxylase (PC) Activity Assay Kit

CATALOG #
AAA332658

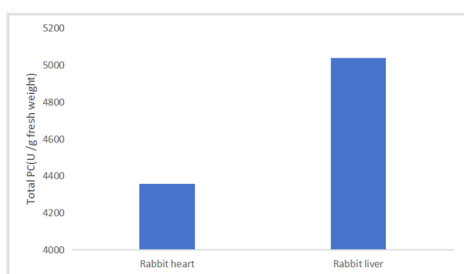
PRODUCT SYNONYMS

Pyruvate Carboxylase (PC); Micro Pyruvate Carboxylase (PC) Activity Assay Kit; PC assay kit

PRODUCT SPECIFICATIONS

Samples	Animal tissues, cells
Kit Components	Extraction Buffer Reagent I Reagent II Reagent III Reagent IV
Features & Benefits	The verified samples are complete in type and easy to operate.
Usage Notes	If not assayed immediately, samples can be stored at -80 degree C for one month. It is recommended to perform several dilutions of your sample to ensure the readings are within the standard value range. Fresh samples are necessary for good results. If don't perform the assay at the same time, it's better to complete the Sample Preparation step before storing the samples.
Preparation and Storage	Storage at -20 degree C and Keep from light immediately upon receipt. Kit has a storage time of 6 months from receipt. Refer to list of materials supplied for storage conditions of individual components. Shipping: Gel pack with blue ice.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for PC assay kit	Pyruvate carboxylase (PC) is widely present in mitochondria of animals, molds and yeast, but is not found in plants and most bacteria. PC is the main postreaction for oxaloacetate, and is the first rate limiting enzyme in the gluconeogenesis process. Micro Pyruvate Carboxylase (PC) Activity Assay Kit can be used to detect biological samples such as animal tissues, cells. In the kit, PC irreversibly catalyzes pyruvate, ATP, CO ₂ and water to oxaloacetate, ADP and Pi, malic dehydrogenase further catalyzes the formation of malic acid and NAD ⁺ from acetoacetic acid and NADH. The enzyme activity of PC can be reflected by detecting the oxidation rate of NADH at 340 nm.
Product Categories/Family for PC assay kit	Cell analysis ; Cell metabolism detection kit

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/assay-kits/pyruvate-carboxylase-pc/332658>