

General Pyruvate Decarboxylase Assay Kit | PDC2 assay kit

Pyruvate Decarboxylase Microplate Assay Kit

CATALOG # AAA261574	REACTIVITY General	APPLICATIONS Functional Assay
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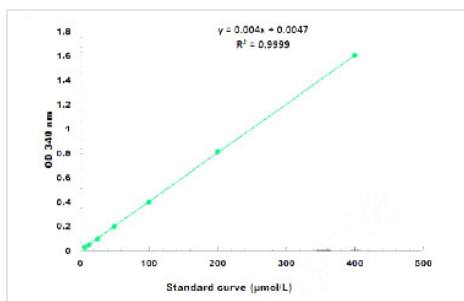
PRODUCT SYNONYMS

Pyruvate Decarboxylase; Pyruvate Decarboxylase Microplate Assay Kit; EC 4.1.1.1; Pyruvate decarboxylase; 2-oxo-acid carboxy-lyase; Alpha-carboxylase; Alpha-ketoacid carboxylase; Pyruvic decarboxylase; PDC2 assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	590
Detection Range	4 umol/L - 400 umol/L
Applicable Applications for PDC2 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 PDC2 assay kit

Background/Introduction: Pyruvate decarboxylase catalyzes the oxidation of decarboxylation of pyruvate to acetaldehyde. This assay is an indirect method in which the conversion is linked to the activity of the subsequent enzyme alcohol dehydrogenase, which supplied in excess, converts the product acetaldehyde effectively into NAD and ethanol.

NCBI AND UNIPROT INFORMATION

NCBI GI #	661902863
NCBI GeneID	103484463
NCBI Accession #	NP_001284406.1
NCBI GenBank Nucleotide #	NM_001297477.1
NCBI Official Full Name	pyruvate decarboxylase

NCBI Official Symbol	PDC2
NCBI Protein Information	pyruvate decarboxylase

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://www.aaabiotech.com/general-assay-kits/pyruvate-decarboxylase/261574>