CREATIVE BIOMART®
Assay Kit

Pyruvate Dehydrogenase (PDH) Activity Assay Kit

Product Information

Product Overview

Significance of Measurement: Pyruvate dehydrogenase (PDH, EC 1.2.4.1) is the rate-limiting enzyme of the pyruvate dehydrogenase complex and links glycolysis to the tricarboxylic acid cycle. Principle of Measurement: PDH catalyzes pyruvate oxidation while reducing 2,6-dichlorophenolindophenol (DCPIP), resulting in decreased absorbance at 600 nm. PDH activity is determined by monitoring this decrease.

Size

100t/96s

Storage

Store at -20 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

Materials Required but Not Supplied

Visible spectrophotometer or microplate reader, water bath, benchtop centrifuge, adjustable pipettes, quartz cuvettes or 96-well plates, mortar, ice, and distilled water.

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA