

## Pyruvate Oxidase from E.coli, Recombinant

Cat. No. DIA-289

Lot. No. (See product label)

### Introduction

#### Description

Recombinant oxidoreductase that catalyzes the interconversion of pyruvate to acetyl phosphate. Rely in the proven diagnostic quality of this product.

#### Applications

Use Pyruvate Oxidase in a variety of diagnostic tests, such as for the determination of pyruvate, lactate or aminotransferases.

#### Synonyms

pyruvic oxidase; phosphate-dependent pyruvate oxidase; Pyruvate:oxygen oxidoreductase (phosphorylating); PoxB

### Product Information

#### Source

E. coli

#### Appearance

Yellow lyophilizate

#### CAS No.

9001-96-1

#### Activity

>1.5 U/mg lyophilizate; >3 U/mg protein

#### Contaminants

ATPase: No limit Glucose oxidase: <0.001 Aspartate aminotransferase (AST/GOT): <0.01 Alanine aminotransferase (ALT/GPT): <0.01 apo-Alanine aminotransferase (apo-ALT/apo-GPT) : <0.005 Impurities, total: <0.02 Lactate oxidase: <0.002  $\alpha$ -Ketoglutarate oxidase: <0.02 "NADH oxidase": <0.02

### Storage and Shipping Information

#### Stability

At -15 to -25°C within specification range for 12 months. Store dry.