

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 α -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.