Creative Enzymes®

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.