Creative Enzymes®

Chemically modified Porcine L-Lactate Dehydrogenase

Cat. No. DIA-279

Lot. No. (See product label)

Introduction

Description	Dehydrogenase that catalyzes the interconversion of L(+)-lactate to pyruvate. Take advantage of the enhanced liquid stability of this enzyme. Rely on the proven diagnostic quality of this product.
Applications	Use L-Lactate Dehydrogenase (L-LDH), chemically modified, in a variety of diagnostic tests for the removal of pyruvate in determinations working with NADH (i.e., triglycerides, lipase, aldolase, aminotransferases, glutamate dehydrogenase).
Synonyms	lactic acid dehydrogenase; L-lactic dehydrogenase; L-lactic acid dehydrogenase; lactate dehydrogenase; L-lactate dehydrogenase; L-LDH; LAD; LD; Lactate

Product Information

Species	Porcine
Source	Porcine heart
Appearance	White lyophilizate
Activity	>25 U/mg lyophilizate; >150 U/mg protein
Contaminants	Aspartate aminotransferase (AST/GOT): <0.005 Unspecificity of Lactate dehydrogenase: <0.05 Alanine aminotransferase (ALT/GPT): <0.01 Unspecificity of Lactate dehydrogenase: <0.05 ''NADH-Oxidase'': <0.001

Storage and Shipping Information

Stability	At +2 to +8°C within specification range for 12 months.