CREATIVE BIOMART®
Assay Kit

Lacate Dehydrogenase (LDH) Activity Assay Kit

Product Information

Product Overview

L-LDH (EC 1.1.1.27) catalyzes the reversible conversion between pyruvate and L-lactate with concurrent interconversion of NAD⁺/NADH.
L-LDH catalyzes oxidation of L-lactate to pyruvate, which reacts with 2,4-dinitrophenylhydrazine to form a brown-red hydrazone in alkaline conditions. Color intensity is proportional to pyruvate concentration and LDH activity.

Size

100t/48s

Storage

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

Detection method Spectrophotometer/Microplate Reader

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