Creative Enzymes®

Lactic Dehydrogenase, Recombinant

Cat. No. NATE-0381

Lot. No. (See product label)

Introduction

Description A lactate dehydrogenase (LDH or LD) is an enzyme found in nearly all living cells (animals, plants, and prokaryotes). LDH catalyzes the conversion of pyruvate to lactate and back, as it converts NADH to NAD+ and back. A dehydrogenase is an enzyme that transfers a hydride from one molecule to another.

Synonyms EC 1.1.1.27; 9001-60-9; lactic acid dehydrogenase; L (+)-nLDH; L-(+)-lactate dehydrogenase; L-lactic dehydrogenase; L-lactic acid dehydrogenase; lactate dehydrogenase; lactate dehydrogenase NAD-dependent; lactic dehydrogenase; NAD-lactate dehydrogenase; L-lactate dehydrogenase; (S)-Lactate:NAD+ oxidoreductase; L-LDH; LAD; LD; LDH; Lactate

Product Information

Source E. coli

EC Number EC 1.1.1.27

CAS No. 9001-60-9

Activity >90%. (>200U/mL)

Unit Definition One unit corresponds to the amount of enzyme which reduces 1 μmol pyruvate per minute at pH 7.4 and 25°C (NADH as cofactor)