

## D-Lactate dehydrogenase, Microorganism

**Cat. No.:** HY-P2897  
**CAS No.:** 9028-36-8  
**Target:** Lactate Dehydrogenase  
**Pathway:** Metabolic Enzyme/Protease  
**Storage:** Please store the product under the recommended conditions in the Certificate of Analysis.

D-Lactate dehydrogenase

### BIOLOGICAL ACTIVITY

#### Description

D-Lactate dehydrogenase, Microorganism (D-LDH) is an oxidoreductase that uses NAD<sup>+</sup> or NADP<sup>+</sup> as an acceptor and acts on the donor CH-OH group, and can catalyze the oxidation of D-lactate to pyruvate. D-Lactate dehydrogenase widely exists in bacteria and fungi, and is often used in biochemical research<sup>[1]</sup>.

### REFERENCES

[1]. O Dym, et al. The crystal structure of D-lactate dehydrogenase, a peripheral membrane respiratory enzyme. Proc Natl Acad Sci U S A. 2000 Aug 15;97(17):9413-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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