

## alanine dehydrogenase

Cat. No. EXWM-1442

Lot. No. (See product label)

### Introduction

#### Description

This enzyme participates in taurine and hypotaurine metabolism and reductive carboxylate cycle (CO<sub>2</sub> fixation).

#### Synonyms

AlaDH; L-alanine dehydrogenase; NAD-linked alanine dehydrogenase; α-alanine dehydrogenase; NAD-dependent alanine dehydrogenase; alanine oxidoreductase; NADH-dependent alanine dehydrogenase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.4.1.1

#### CAS No.

9029-06-5

#### Reaction

L-alanine + H<sub>2</sub>O + NAD<sup>+</sup> = pyruvate + NH<sub>3</sub> + NADH + H<sup>+</sup>

#### Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

#### Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.