

## 2,4-diaminopentanoate dehydrogenase

Cat. No. EXWM-1445

Lot. No. (See product label)

### Introduction

#### Description

Also acts, more slowly, on 2,5-diaminohexanoate forming 2-amino-5-oxohexanoate, which then cyclizes non-enzymically to 1-pyrroline-2-methyl-5-carboxylate.

#### Synonyms

2,4-diaminopentanoic acid C4 dehydrogenase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.4.1.12

#### CAS No.

39346-26-4

#### Reaction

$2,4\text{-diaminopentanoate} + \text{H}_2\text{O} + \text{NAD(P)}^+ = 2\text{-amino-4-oxopentanoate} + \text{NH}_3 + \text{NAD(P)H} + \text{H}^+$

#### 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.