

## D-amino-acid transaminase

Cat. No. EXWM-2861

Lot. No. (See product label)

### Introduction

#### Description

A pyridoxal-phosphate protein. The enzyme from thermophilic Bacillus species acts on many D-amino acids with D-alanine and D-2-aminobutyrate as the best amino donors. It can similarly use any of several 2-oxo acids as amino acceptor, with 2-oxoglutarate and 2-oxobutyrate among the best. The enzyme from some other sources has a broader specificity.

#### Synonyms

D-aspartate transaminase; D-alanine aminotransferase; D-aspartic aminotransferase; D-alanine-D-glutamate transaminase; D-alanine transaminase; D-amino acid aminotransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.6.1.21

#### CAS No.

37277-85-3

#### Reaction

D-alanine + 2-oxoglutarate = pyruvate + D-glutamate

#### 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.