

D-Amino acid dehydrogenase (D-AADH)

Cat. No. D-AADH-18 Lot. No. (See product label)

SPECIFICATION

Product Overview

Description	D-AADH (D-Amino acid dehydrogenase) is an enzyme that can reduce 2-keto acid into corresponding D-amino acid. The reaction need NADP(H) and inorganic ammonia donor (such as ammonia or ammonium ion).
Applications	1. Normally, the reaction system should include substrate, buffer solution, enzyme, coenzyme and coenzyme regeneration system (e.g. glucose and glucose dehydrogenase). 2. D-AADH should be added last into reaction system, after the pH and temperature been adjusted to the reaction condition.
Notes	Never contact with extreme conditions such as: high temperature, high/low pH and high concentration organic solvent.
Storage	Keep 2 years below -20 centigrade.
Advantages	1. High substrate specificity. 2. Strong chiral selectivity. 3. High conversion. 4. Less by-products. 5. Mild reaction conditions. 6. Environmentally friendly.

GENE INFORMATION

Official Symbol	D-AADH
Synonyms	D-Amino acid dehydrogenase; D-AADH

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