Creative Enzymes®

# 3α-hydroxysteroid 3-dehydrogenase (Re-specific)

*Cat. No. EXWM-0118*

*Lot. No.* (See product label)

## Introduction

| | |
|---|---|
| ***Description*** | The enzyme acts on multiple 3α-hydroxysteroids. Re-specific with respect to NAD+ or NADP+ [cf. EC 1.1.1.50, 3α-hydroxysteroid 3-dehydrogenase (Si-specific)]. Enzymes whose stereo-specificity with respect to NAD+ or NADP+ is not known are described by EC 1.1.1.357, 3α-hydroxysteroid 3-dehydrogenase. |
| ***Synonyms*** | 3α-hydroxysteroid dehydrogenase; 3α-hydroxysteroid:NAD(P)+ 3-oxidoreductase (A-specific); 3α-hydroxysteroid 3-dehydrogenase (A-specific) |

## Product Information

| | |
|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 1.1.1.213 |
| ***CAS No.*** | 9028-56-2 |
| ***Reaction*** | a 3α-hydroxysteroid + NAD(P)+ = a 3-oxosteroid + NAD(P)H + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |