

## 3 $\alpha$ (or 20 $\beta$ )-hydroxysteroid dehydrogenase

Cat. No. EXWM-0338

Lot. No. (See product label)

### Introduction

#### Description

The 3 $\alpha$ -hydroxy group or 20 $\beta$ -hydroxy group of pregnane and androstane steroids can act as donor.

#### Synonyms

cortisone reductase; (R)-20-hydroxysteroid dehydrogenase; dehydrogenase, 20 $\beta$ -hydroxy steroid;  $\Delta$ 4-3-ketosteroid hydrogenase; 20 $\beta$ -hydroxysteroid dehydrogenase; 3 $\alpha$ ,20 $\beta$ -hydroxysteroid:NAD<sup>+</sup>-oxidoreductase; NADH-20 $\beta$ -hydroxysteroid dehydrogenase; 20 $\beta$ -HSD

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.53

#### CAS No.

9028-42-6

#### Reaction

androstan-3 $\alpha$ ,17 $\beta$ -diol + NAD<sup>+</sup> = 17 $\beta$ -hydroxyandrostan-3-one + 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.