

## 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.