

## 7 $\alpha$ -hydroxysteroid dehydrogenase

Cat. No. EXWM-0062

Lot. No. (See product label)

### Introduction

#### Description

Catalyses the oxidation of the 7 $\alpha$ -hydroxy group of bile acids and alcohols both in their free and conjugated forms. The *Bacteroides fragilis* and *Clostridium* enzymes can also utilize NADP+.

#### Synonyms

7 $\alpha$ -hydroxy steroid dehydrogenase; 7 $\alpha$ -HSDH

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.159

#### CAS No.

39361-64-3

#### Reaction

cholate + NAD<sup>+</sup> = 3 $\alpha$ ,12 $\alpha$ -dihydroxy-7-oxo-5 $\beta$ -cholan-24-oate + 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.