

## 12 $\beta$ -hydroxysteroid dehydrogenase

Cat. No. EXWM-0145

Lot. No. (See product label)

### Introduction

**Description** Acts on a number of bile acids, both in their free and conjugated forms.

**Synonyms** 12 $\beta$ -hydroxy steroid (nicotinamide adenine dinucleotide phosphate) dehydrogenase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.1.1.238

**CAS No.** 118390-62-8

**Reaction** 3 $\alpha$ ,7 $\alpha$ ,12 $\beta$ -trihydroxy-5 $\beta$ -cholan-24-oate + NADP<sup>+</sup> = 3 $\alpha$ ,7 $\alpha$ -dihydroxy-12-oxo-5 $\beta$ -cholan-24-oate + NADPH + 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.