

## 3-hydroxyacyl-CoA dehydrogenase

Cat. No. EXWM-0265

Lot. No. (See product label)

### Introduction

**Description** Also oxidizes S-3-hydroxyacyl-N-acylthioethanolamine and S-3-hydroxyacyl-hydrolypoate. Some enzymes act, more slowly, with NADP+. Broad specificity to acyl chain-length (cf. EC 1.1.1.211 [long-chain-3-hydroxyacyl-CoA dehydrogenase]).

**Synonyms**  $\beta$ -hydroxyacyl dehydrogenase;  $\beta$ -keto-reductase; 3-keto reductase; 3-hydroxyacyl coenzyme A dehydrogenase;  $\beta$ -hydroxyacyl-coenzyme A synthetase;  $\beta$ -hydroxyacylcoenzyme A dehydrogenase;  $\beta$ -hydroxybutyrylcoenzyme A dehydrogenase; 3-hydroxyacetyl-coenzyme A dehydrogenase; L-3-hydroxyacyl coenzyme A dehydrogenase; L-3-hydroxyacyl CoA dehydrogenase;  $\beta$ -hydroxyacyl CoA dehydrogenase; 3 $\beta$ -hydroxyacyl coenzyme A dehydrogenase; 3-hydroxybutyryl-CoA dehydrogenase;  $\beta$ -ketoacyl-CoA reductase;  $\beta$ -hydroxy acid dehydrogenase; 3-L-hydroxyacyl-CoA dehydrogenase; 3-hydroxyisobutyryl-CoA dehydrogenase; 1-specific DPN-linked  $\beta$ -hydroxybutyric dehydrogenase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.1.1.35

**CAS No.** 9028-40-4

**Reaction** (S)-3-hydroxyacyl-CoA + NAD<sup>+</sup> = 3-oxoacyl-CoA + 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.