

## long-chain-3-hydroxyacyl-CoA dehydrogenase

Cat. No. EXWM-0116

Lot. No. (See product label)

### Introduction

**Description** This enzyme was purified from the mitochondrial inner membrane. The enzyme has a preference for long-chain substrates, and activity with a C16 substrate was 6- to 15-fold higher than with a C4 substrate (cf. EC 1.1.1.35 3-hydroxyacyl-CoA dehydrogenase).

**Synonyms**  $\beta$ -hydroxyacyl-CoA dehydrogenase; long-chain 3-hydroxyacyl coenzyme A dehydrogenase; 3-hydroxyacyl-CoA dehydrogenase; LCHAD

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.1.1.211

**CAS No.** 84177-52-6

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