

## alcohol dehydrogenase (NADP+)

Cat. No. EXWM-0103

Lot. No. (See product label)

### Introduction

**Description** A zinc protein. Some members of this group oxidize only primary alcohols; others act also on secondary alcohols. May be identical with EC 1.1.1.19 (L-glucuronate reductase), EC 1.1.1.33 [mevaldate reductase (NADPH)] and EC 1.1.1.55 [lactaldehyde reductase (NADPH)]. Re-specific with respect to NADPH.

**Synonyms** aldehyde reductase (NADPH<sub>2</sub>); NADP-alcohol dehydrogenase; NADP<sup>+</sup>-aldehyde reductase; NADP<sup>+</sup>-dependent aldehyde reductase; NADPH-aldehyde reductase; NADPH-dependent aldehyde reductase; nonspecific succinic semialdehyde reductase; ALR 1; low-K<sub>m</sub> aldehyde reductase; high-K<sub>m</sub> aldehyde reductase; alcohol dehydrogenase (NADP)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.1.1.2

**CAS No.** 9028-12-0

**Reaction** an alcohol + NADP<sup>+</sup> = an aldehyde + 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.