

## L-arabinitol 2-dehydrogenase

Cat. No. EXWM-0033

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD<sup>+</sup> or NADP<sup>+</sup> as acceptor. The systematic name of this enzyme class is L-arabinitol:NAD<sup>+</sup> 2-oxidoreductase (L-ribulose-forming). Other names in common use include L-arabinitol dehydrogenase (ribulose-forming), and L-arabinitol (ribulose-forming) dehydrogenase. This enzyme participates in pentose and glucuronate interconversions.

**Synonyms** L-arabinitol dehydrogenase (ribulose-forming); L-arabinitol (ribulose-forming) dehydrogenase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.1.1.13

**CAS No.** 9028-20-0

**Reaction** L-arabinitol + NAD<sup>+</sup> = L-ribulose + 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.