

## L-arabinitol 4-dehydrogenase

Cat. No. EXWM-0023

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> 4-oxidoreductase (L-xylulose-forming). Other names in common use include pentitol-DPN dehydrogenase, and L-arabitol dehydrogenase. This enzyme participates in pentose and glucuronate interconversions.

#### Synonyms

pentitol-DPN dehydrogenase (ambiguous); L-arabitol dehydrogenase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.12

#### CAS No.

9028-19-7

#### Reaction

L-arabinitol + NAD<sup>+</sup> = L-xylulose + 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.