

## Lactate Oxidase from *Aerococcus viridans*, Recombinant

Cat. No. DIA-156

Lot. No. (See product label)

### Introduction

**Synonyms** lactate 2-monooxygenase; EC 1.13.12.4; (S)-lactate: oxygen 2-oxidoreductase (decarboxylating); lactate oxidative decarboxylase; lactate oxidase; lactic oxygenase; lactate oxygenase; lactic oxidase; L-lactate monooxygenase; lactate monooxygenase; L-lactate-2-monooxygenase

### Product Information

**Source** Aerococcus viridans

**Appearance** Yellowish powder

**Form** Freeze dried powder

**EC Number** EC 1.13.12.4

**CAS No.** 9028-72-2

**Activity** > 20 U/mg

**Contaminants** Pyruvate oxidase < 0.001%; Glucose Oxidase < 0.001%; Uricase < 0.001%; Cholesterol oxidase < 0.001%

**pH Stability** 6.0-9.0 (50°C, 10 mins)

**Optimum pH** 6.0-7.0

**Thermal stability** Stable at 50°C and below (pH7.0, 10 mins)

### Storage and Shipping Information

**Storage** Store in tightly closed containers, desiccated, protected from light, at -20°C.