

Native Lactate 2-monooxygenase from *Aerococcus Viridans*

Product Information

Cat# NATE-1021

Synonyms Lactate oxidase

CAS No. 9028-72-2

Enzyme EC 1.13.12.4

**Commission
Number**

Size 25 KU

Descriptions Lactate 2-monooxygenase (Lactate oxidase) is a member of the flavoprotein family. It oxidizes lactate to form pyruvate. Since this reaction does not require an exogenous coenzyme as an electron acceptor, it holds great promise for practical applications.

Applications Lactate 2-monooxygenase is applied as a core biorecognition element in enzymatic lactate diagnostic kits for accurate lactate quantification in clinical specimens, supporting diagnosis of lactic acidosis, tissue hypoperfusion and systemic metabolic disorders.

Form Yellow lyophilized powder

Activity 20 U/mg

MW 80 kDa

Isoelectric Point 4.6

Storage