

Native *Pseudomonas* sp. Oxaloacetate decarboxylase

Cat. No. DIA-161

Lot. No. (See product label)

Introduction

Description Oxaloacetate decarboxylase is a carboxy-lyase involved in the conversion of oxaloacetate into pyruvate. It is categorized under EC 4.1.1.3. In some bacteria this enzyme is a trimer, composed of alpha, beta and gamma subunits. The beta and gamma subunits are integral membrane proteins.

Applications Useful for enzymatic determination of AST

Synonyms EC 4.1.1.3; Oxaloacetate decarboxylase; Oxalate beta-decarboxylase; Oxaloacetate carboxy-lyase

Product Information

Source *Pseudomonas* sp.

Form Freeze dried powder

EC Number EC 7.2.4.2 (Formerly EC 4.1.1.3)

CAS No. 9024-98-0

Activity > 100 U/mg

Contaminants Catalase < 0.3%; AST < 0.005%

pH Stability 7.5-9.0 (50°C, 10 mins)

Optimum pH 7.5

Thermal stability Stable at 50°C and below (pH 7.5, 10 mins)

Storage and Shipping Information

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