

Native E. coli Alanine Aminotransferase

Cat. No. NATE-0064

Lot. No. (See product label)

Introduction

Description

Alanine transaminase (ALT) is a transaminase enzyme (EC 2.6.1.2). It is also called alanine aminotransferase (ALAT) and was formerly called serum glutamate-pyruvate transaminase (SGPT) or serum glutamic-pyruvic transaminase (SGPT). ALT is found in plasma and in various body tissues, but is most common in the liver. It catalyzes the two parts of the alanine cycle. Serum ALT level, serum AST (aspartate transaminase) level, and their ratio (AST/ALT ratio) are commonly measured clinically as biomarkers for liver health. The tests are part of blood panels.

Synonyms

Alanine transaminase; ALT; EC 2.6.1.2; alanine aminotransferase; ALAT; glutamic-pyruvic transaminase; glutamic-alanine transaminase; GPT; β -alanine aminotransferase; alanine- α -ketoglutarate aminotransferase; alanine-pyruvate aminotransferase; glutamic acid-pyruvic acid transaminase; glutamic-pyruvic aminotransferase; L-alanine aminotransferase; L-alanine transaminase; L-alanine- α -ketoglutarate aminotransferase; pyruvate transaminase; pyruvate-alanine aminotransferase; pyruvate-glutamate transaminase

Product Information

Source	E. coli
Form	Liquid
EC Number	EC 2.6.1.2
CAS No.	9000-86-6
Molecular Weight	54,479 of subunit deduced from gene sequence
Purity	> 95% (SDS-PAGE)
Activity	> 1,000 U/mL

Storage and Shipping Information

Storage	-20°C
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