Creative Enzymes®

Native Human Alanine Aminotransferase

Cat. No. NATE-0065

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.
Applications	Research Life Science ELISA Assay Clinical Chemistry
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

Species	Human
Source	Human Liver
EC Number	EC 2.6.1.2
CAS No.	9000-86-6
Activity	>5 U /mg

Storage and Shipping Information

Storage	-20°C