



Native Porcine Glutamic-Pyruvic Transaminase

Product Information

Cat#	NATE-0068
Abbr	ALT, Native (Porcine)
Alias	ALT; ALAT; GPT
Similar	ALT
Species	Porcine
Source	Porcine heart
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.
Form	Freeze dried powder
Enzyme Commission Number	EC 2.6.1.2
Activity	100 U/mg
CAS No.	9000-86-6
Unit Definition	One unit will convert 1.0 μ mole of α -ketoglutarate to L-glutamate per min at pH 7.6 at 37°C in the presence of L-alanine.
Storage	-20°C
Warnings	Protein determined by biuret
Synonyms	Alanine transaminase; ALT; EC 2.6.1.2; alanine aminotransferase; ALAT; glutamic-pyruvic transaminase; glutamic-alanine transaminase; GPT; β -alanine



Creative Enzymes

Diagnostic Enzymes

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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
