

## Native Porcine Glutamic-Pyruvic Transaminase

### Product Information

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



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aminotransferase; alanine- $\alpha$ -ketoglutarate aminotransferase; alanine-pyruvate  
aminotransferase; glutamic acid-pyruvic acid transaminase; glutamic-pyruvic  
aminotransferase; L-alanine aminotransferase; L-alanine transaminase; L-alanine- $\alpha$ -  
ketoglutarate aminotransferase; pyruvate transaminase; pyruvate-alanine  
aminotransferase; pyruvate-glutamate transaminase

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