

Active Native Swine Glutamate Pyruvate Transaminase

Cat. No. GPT-188S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified Native Porcine Heart Glutamate Pyruvate Transaminase. CAS Number: 9000-86-6; E.C. Number: 2.6.1.2
Species	Pig
Source	Porcine Heart
Description	The Alanine Aminotransferase (ALT) blood test is typically used to detect liver injury. It is often ordered in conjunction with Aspartate Aminotransferase (AST) or as part of a liver panel to screen for and/or help diagnose liver disease. AST and ALT are considered to be two of the most important tests to detect liver injury, although ALT is more specific than AST. Sometimes AST is compared directly to ALT and an AST/ALT ratio is calculated. This ratio may be used to distinguish between different causes of liver damage.
Form	Ammonium Sulphate Suspension
Bio-activity	>25 U/mg protein
Storage	Store at 2-8 °C.
Concentration	>10 mg protein/mL

GENE INFORMATION

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Gene Name	GPT glutamic-pyruvate transaminase (alanine aminotransferase) [Bos taurus]
Official Symbol	GPT
Synonyms	alanine aminotransferase 1; ALT1; GPT 1; glutamic--alanine transaminase 1; glutamic--pyruvic transaminase 1; glutamate pyruvate transaminase 1
Gene ID	539188
mRNA Refseq	NM_001083740
Protein Refseq	NP_001077209
UniProt ID	A4IFH5
Chromosome Location	chromosome: 14
Pathway	2-Oxocarboxylic acid metabolism, organism-specific biosystem; 2-Oxocarboxylic acid metabolism, conserved biosystem
Function	L-alanine:2-oxoglutarate aminotransferase activity; pyridoxal phosphate binding

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