

Native Porcine Glutamic-Oxalacetic Transaminase

Product Information

Cat#	NATE-0312
Abbr	GOT, Native (Porcine)
Alias	AST; GOT
Similar	GOT
Species	Porcine
Source	Porcine heart
Description	Aspartate transaminase (AST) or aspartate aminotransferase, also known as AspAT/ASAT/AAT or serum glutamic oxaloacetic transaminase (SGOT), is a pyridoxal phosphate (PLP)-dependent transaminase enzyme (EC 2.6.1.1). AST catalyzes the reversible transfer of an α -amino group between aspartate and glutamate and, as such, is an important enzyme in amino acid metabolism. AST is found in the liver, heart, skeletal muscle, kidneys, brain, and red blood cells. Serum AST level, serum ALT (alanine transaminase) level, and their ratio (AST/ALT ratio) are commonly measured clinically as biomarkers for liver health. The tests are part of blood panels.
Enzyme Commission Number	EC 2.6.1.1
Activity	> 100 U/mg
CAS No.	9000-97-9
Unit Definition	One unit will convert 1.0 μ mole of α -ketoglutarate to L-glutamate per min at pH 7.5 at 37°C, in the presence of L-aspartic acid.
Storage	2-8°C
Warnings	Protein determined by biuret.
Synonyms	EC 2.6.1.1; glutamic-oxaloacetic transaminase; glutamic-aspartic transaminase; transaminase A; AAT; AspT; 2-oxoglutaRate-glutamate aminotransferase; aspartate α -



Creative Enzymes

Diagnostic Enzymes

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ketoglutarate transaminase; aspartate aminotransferase; aspartate-2-oxoglutarate transaminase; aspartic acid aminotransferase; aspartic aminotransferase; aspartyl aminotransferase; AST; glutamate-oxalacetate aminotransferase; glutamate-oxalate transaminase; glutamic-aspartic aminotransferase; glutamic-oxalacetic transaminase; glutamic oxalic transaminase; GOT (enzyme); L-aspartate transaminase; L-aspartate- α -ketoglutarate transaminase; L-aspartate-2-ketoglutarate aminotransferase; L-aspartate-2-oxoglutarate aminotransferase; L-aspartate-2-oxoglutarate-transaminase; L-aspartic aminotransferase; oxaloacetate-aspartate aminotransferase; oxaloacetate transferase; aspartate:2-oxoglutarate aminotransferase; glutamate oxaloacetate transaminase; 9000-97-9
