

Active Native Human Glutamate Oxaloacetate Transaminase

Cat. No. GOT-185H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified Native Human Liver Glutamate Oxaloacetate Transaminase. CAS Number: 9000-97-9; E.C. Number: 2.6.1.1
Species	Human
Source	Human Liver
Description	AST/SGOT is found in many tissues throughout the body, including the liver, heart, muscles, kidney, and brain. If any of these organs or tissues is affected by disease or injury, AST is released into the bloodstream. This means that AST isn't as specific an indicator of liver damage as ALT (also known as alanine aminotransferase, another type of enzyme found almost entirely in the liver).
Form	Lyophilized
Bio-activity	>1 U/mg protein
Molecular Mass	~92,000
Unit Definition	One unit will catalyze the transamination of one micromole of L-aspartate to alpha-ketoglutarate forming L-glutamate and oxaloacetate per minute at 37C and pH 7.8. Measured at 340 nm as one equimolar amount of NAD produced by a coupled reaction.
Storage	Store at -20 °C.

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Concentration	>0.5 mg protein/mg (Coomassie)
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