

GPT

Native Porcine Glutamate Pyruvate Transaminase

Catalog No.	CSI14647A CSI14647B	Quantity:	5 kU 25 kU
Alternate Names:	Serum Glutamate Pyruvate Transaminase, SGPT, GPT1, GPT, Alanine Transaminase, ALT, Alanine Aminotransferase, ALAT, AAT1, ALT1		
Description:	Glutamate Pyruvate Transaminase derived from Porcine Heart. Glutamate Pyruvate Transaminase (GPT) is an enzyme that catalyzes the reversible transfer of an amino group from alanine to alpha-ketoglutarate. GPT is found in serum and in various bodily tissues but is most commonly associated with the liver.		
Source:	Porcine Heart		
Molecular Weight:	100 kDa		
Formulation:	Lyophilized		
Purity:	>0.6 mg GPT/mg powder		
Endotoxin Level:	< 0.1 ng/μg of protein.		
Biological Activity:	>70 U/mg powder at 37°C. One unit will catalyze the transamination of one micromole of L-alanine to alpha-ketoglutarate, forming L-glutamate and pyruvate per minute at 37°C and pH 7.8. Measured at 340 nm as one equimolar amount of NAD produced by a coupled reaction.		
Storage & Stability:	Store at -20°C. Stable for 1 year. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

