

## GPT

### Native Porcine Glutamate Pyruvate Transaminase

<b>Catalog No.</b>	CSI14647A CSI14647B	<b>Quantity:</b>	10 KU 25 KU
<b>Alternate Names:</b>	Serum Glutamate Pyruvate Transaminase, SGPT, GPT1, GPT, Alanine Transaminase, ALT, Alanine Aminotransferase, ALAT, AAT1, ALT1		
<b>Description:</b>	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.		
<b>Source:</b>	Porcine Heart		
<b>Molecular Weight:</b>	100 kDa		
<b>Formulation:</b>	Lyophilized		
<b>Purity:</b>	>0.6 mg GPT/mg powder		
<b>Endotoxin Level:</b>	< 0.1 ng/μg of protein.		
<b>Biological Activity:</b>	>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.		
<b>Storage &amp; Stability:</b>	Store at -20°C. Stable for 1 year. <b>Avoid repeated freeze-thaw cycles.</b>		

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

