

## GPT

### Native Human Glutamate Pyruvate Transaminase

<b>Catalog No.</b>	CSI14640 CSI14641	<b>Quantity:</b>	10 U 50 U
<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 is derived from Human Liver. Glutamate Pyruvate Transaminase (GPT) is an enzyme that catalyzes the reversible transfer of an amino group from alanine to $\alpha$ -ketoglutarate. Human GPT is found in serum and in various bodily tissues but is most commonly associated with the liver.		
<b>Gene ID:</b>	2875		
<b>Source:</b>	Human Liver		
<b>Molecular Weight:</b>	100 kDa		
<b>Formulation:</b>	Ammonia Sulphate suspension.		
<b>Endotoxin Level:</b>	< 0.1 ng/ $\mu$ g of protein.		
<b>Biological Activity:</b>	>50 U/ml 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>Specific Activity:</b>	>10 U/mg protein		
<b>Storage &amp; Stability:</b>	Store at 2-4°C. Stable for 1 year.		

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