

GOT1, GOT2

Native Human Glutamate Oxaloacetate Transaminase

Catalog No.	CSI19657A CSI19657B	Quantity:	25 U 250 U
Alternate Names:	GOT, serum glutamic oxaloacetic transaminase, SGOT, aspartate aminotransferase, ASAT, AAT, aspartate transaminase, AST		
Description:	Native Human Glutamate Oxaloacetate Transaminase is derived from Liver. Two GOT isoenzymes are present in humans. They have high similarity. GOT1, the cytosolic isoenzyme, derives mainly from red blood cells and heart. GOT2, the mitochondrial isoenzyme is predominantly present in liver.		
Gene ID:	2805, 2806		
Source:	Human Liver		
Molecular Weight:	92 kDa		
Formulation:	Lyophilized		
Purity:	>1 U/mg protein		
Endotoxin Level:	< 0.1 ng/μg of protein.		
Biological Activity:	One unit will catalyze the transamination of one micromole of L-aspartate to α-ketoglutarate forming L-glutamate and oxaloacetate 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.		

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