GOT1, GOT2
Native Human Glutamate Oxaloacetate Transaminase

Catalog No.	CSI19656A CSI19656B	**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 Heart. 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 Heart

Molecular Weight: 92 kDa

Formulation: Lyophilized

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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