GOT1, GOT2
Native Porcine Glutamate Oxaloacetate Transaminase

Catalog No.	CSI14901 CSI14902	**Quantity:**	20 kU 50 kU

Alternate Names: GOT, serum glutamic oxaloacetic transaminase, SGOT, aspartate aminotransferase, ASAT, AAT, aspartate transaminase, AST

Description: Native Porcine Glutamate Oxaloacetate Transaminase is derived from the 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: 396967, 396968

Source: Porcine Heart

Molecular Weight: 92 kDa

Formulation: Lyophilized

Purity: >0.4 mg protein/mg

Endotoxin Level: < 0.1 ng/µg of protein.

Biological Activity: >50 U/mg at 37°C. One unit will catalyze the transamination of one micromole of L-aspartate to alpha-ketoglutarate forming L-glutamate and oxaloacetate per minute at 37C 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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