

GGT, Native Porcine Gamma-Glutamyl Transpeptidase

Catalog No.	CSI14900A	Quantity:	5 KU
	CSI14900B		10 KU

Alternate Names: GGTP, gamma Glutamyltransferase, gGT

Description: Gamma-Glutamyl Transpeptidase is primarily a liver enzyme involved in the transfer of amino acids across the cellular membrane and in glutathione metabolism. GGT is found on the surface of all cells, with particularly high concentrations in the liver, bile ducts, and kidney. Elevated GGT is a diagnostic marker for type of liver damage and other conditions related to alcohol abuse. It is used clinically to differentiate between liver or bile duct disorders and bone disease.

Source: Porcine Kidney

Formulation: Lyophilized

Specific Activity: Typically >12 U/mg powder @ 37°C

Unit Definition: One unit will catalyze the transfer of one micromole of the glutamyl moiety from gamma-glutamyl-p-nitroanilide hydrochloride (gamma-GPNA-HCl) to glycylglycine at 37°C. Measured at 405 nm as directly proportional formation of p-nitroaniline

Storage & Stability: Store at -20°C. 1 year.

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