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GGT Native Porcine Gamma-Glutamyl Transpeptidase

Catalog No.	CSI14900A CSI14900B	Quantity:	5000 U 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 types 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 tan powder from a solution containing Tris-acetate buffer, pH 8.0, + Magnesium Chloride + Zinc Chloride.		
Biological Activity:	>0.5 mg/mg solid by OD280		
Specific Activity:	Typically >12 U/mg powder @ 37°C		
Unit Defintion:	One unit will catalyze the transfer of 1 micromole of the glutamyl moiety from gamma- glutamyl-3-carboxy-4-nitranilide to glyclglycine per min at 37°C.		
Storage & Stability:	Store at -20°C. Stable for 1 year.		
Certification:	The animal source of this product was collected as a USDA licensed establishment. The animals received ante and post mortem health inspection at the abattoir by a US FSIS inspector and they were apparently free from infectious and contagious diseases. All donor animals were sourced from the United States.		

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Toll Free: 888-769-1246 Phone: 781-828-0610 Fax: 781-828-0542