

GGT1

Native Porcine Gamma-Glutamyltransferase

Catalog No.	CSI14900A CSI14900B	Quantity:	10 kU 100 KU
Alternate Names:	Gamma-glutamyltransferase 1, Gamma-glutamyltranspeptidase 1, GGT1, Leukotriene-C4 hydrolase, CD224		
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.		
UniProt ID:	P20735		
Source:	Porcine Kidney, <i>Sus scrofa</i> (Pig)		
Appearance:	Tan powder		
CAS Number:	9046-27-9		
Solubility:	Soluble in distilled water or dilute buffer.		
Formulation:	Lyophilized from Tris-acetate buffer, pH 8.0		
Protein:	80% (Biuret)		
Activity:	7 Units/mg solid		
Specific Activity:	8.75 U/mg protein		
Unit Definition:	One unit will release one micromole of p-nitroaniline per minute at pH 8.2 and 37°C		
Contaminants:	ALP < 1% LDH < 1% CPK < 1% GOT < 1% GPT < 1% NH4 < 0.2 µmole/mg		
Storage & Stability:	Store at -20°C to -80°C for at least 1 year.		
Country of Origin:	USA		
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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