GGT1
Native Human gamma-Glutamyl Transferase, Lyophilized

Catalog No.	CSI19654A CSI19654B	**Quantity:**	5 U 50 U

Alternate Names: gamma Glutamyltransferase, gGT, GGT, GTG, CD224, GGT 1, GGT1, GGTP

Description: Native Human gamma-Glutamyl Transferase.

The enzyme catalyzes the transfer of the glutamyl moiety of glutathione to a variety of amino acids and dipeptide acceptors. The enzyme is composed of a heavy chain and a light chain, which are derived from a single precursor protein, and is present in tissues involved in absorption and secretion.

The gamma-Glutamyl Transferase enzyme is useful in the detection of liver disease, obstructive jaundice, cholangitis, infectious hepatitus, and cholecystitis.

It can also be used to detect diseases of the kidney and to differentiate liver or bile duct (hepatobiliary) disorders from bone disease.

Gene ID: 2678

Source: Human Liver

Formulation: Lyophilized.

Endotoxin Level: < 0.1 ng/µg of protein.

Biological Activity: 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.

Specific Activity: >1 U/mg protein at 37°C.

Storage & Stability: Store at -20°C. Stable for 1 year. **Avoid repeated freeze-thaw cycles.**

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