



CERTIFICATE OF ANALYSIS

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| PRODUCT NAME: | Gamma GLUTAMYL TRANSPEPTIDASE (gGT) |
| ACTIVITY: | Typically >12 u/mg powder @ 37C |
| CAS NO: | 9046-27-9 |
| CAT. NO: | I315-10 |
| EC NO: | 2.3.2.2 |
| EXPIRATION: | 1 year |
| FORM: | Lyophilized |
| PROTEIN: | Typically >0.40 mg Protein/mg powder |
| SOURCE: | Porcine Kidney |
| STORAGE: | -20 C |
| SYNONYMS: | GGTP, gamma Glutamyltransferase, gGT |

Porcine Kidney gamma-glutamyl Transpeptidase, gamma Glutamyltransferase (gGT)(GGTP) 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 37C. Measured at 405 nm as directly proportional formation of p-nitroaniline

gamma Glutamyltransferase, gamma-glutamyl Transpeptidase (gGT)(GGTP) Clinical Significance: Detection of liver disease, obstructive jaundice, cholangitis, infectious hepatitis, and cholecystitis. gamma-Glutamyltransferase (gGT)(GGTP) test is used to detect diseases of the liver, bile ducts, and kidney; and to differentiate liver or bile duct (hepatobiliary) disorders from bone disease.

gamma Glutamyltransferase, gamma-glutamyl Transpeptidase (gGT)(GGTP) is involved in the transfer of amino acids across the cellular membrane and in glutathione metabolism.

gamma Glutamyltransferase