



CERTIFICATE OF ANALYSIS

PRODUCT NAME:	Gamma GLUTAMYL TRANSPEPTIDASE (gGT)
ACTIVITY:	Typically >20 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:	Bovine Kidney
STORAGE:	-20 C
SYNONYMS:	GGTP, gamma Glutamyltransferase, gGT

Bovine 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-glutamyl Transpeptidase,gamma-Glutamyltransferase, (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.

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

Our Bovine Kidney gamma-glutamyl Transpeptidase (gGT)(GGTP)is used in multi analyte clinical chemistry controls and calibrators for major IVD manufacturer(s) around the world. We are able to custom purify Bovine Kidney gamma-Glutamyltransferase(gGT)(GGTP)to meet your specific application.