

GLUTAMYLTRANSFERASE, GAMMA (GGT)

<u>Test Code</u>	<u>Test Name</u>	<u>CPT</u>
GGT	GGT or GGTP	82977

MEDICARE LIMITATIONS AND GUIDELINES:

When used to assess liver dysfunction secondary to existing non-hepatobiliary disease with no change in signs, symptoms, or treatment, it is generally not necessary to repeat a GGT determination after a normal result has been obtained unless new indications are present. If the GGT is the only "liver" enzyme abnormally high, it is generally not necessary to pursue further evaluation for liver disease for this specific indication.

When used to determine if other abnormal enzyme test reflect liver abnormality rather than other tissue, it generally is not necessary to repeat a GGT more than one time per week. Because of the extreme sensitivity of GGT as a marker for cytochrome oxidase induction or cell membrane permeability, it is generally not useful in monitoring patients with known liver disease.

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Narrative Description	ICD9
Acquired coagulation factor deficiency	286.7
Actinomycotic infections, abdominal	039.2
Acute alcoholic intoxication	303.00 – 303.03
Acute and subacute necrosis of liver	570
Acute renal failure	584.5 – 584.9
Acute vascular insufficiency of intestine	557.0
Acute venous embolism and thrombosis of axillary veins	453.84
Acute venous embolism and thrombosis of deep veins of upper extremity	453.82
Acute venous embolism and thrombosis of internal jugular veins	453.86
Acute venous embolism and thrombosis of other specified veins	453.89
Acute venous embolism and thrombosis of other thoracic veins	453.87
Acute venous embolism and thrombosis of subclavian veins	453.85
Acute venous embolism and thrombosis of superficial veins of upper extremity	453.81
Acute venous embolism and thrombosis of upper extremity, unspecified	453.83
Alcoholic polyneuropathy	357.5
Alcoholic psychoses	291.0 – 291.9
Alpha-1 antitrypsin deficiency	273.4
Amebiasis	006.0 – 006.9
Amyloidosis, unspecified	277.30
Anthrax septicemia	022.3
Autoimmune hepatitis	571.42
Benign neoplasm of islets of Langerhans	211.7
Benign neoplasm of liver and biliary passages	211.5
Benign neoplasm of pancreas, except islets of Langerhans	211.6
Candidiasis, disseminated	112.5
Carcinoma in situ of liver and biliary system	230.8
Carcinoma in situ of other and unspecified parts of intestine	230.7
Carcinoma in situ other and unspecified digestive organs	230.9
Chagas disease with organ involvement other than heart	086.1

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Cholelithiasis	574.00 – 574.91
Choleperitonitis	567.81
Chronic glomerulonephritis	582.0 – 582.9
Chronic liver disease and cirrhosis	571.0 – 571.9
Chronic renal failure	585
Chronic venous embolism and thrombosis of axillary veins	453.74**
Chronic venous embolism and thrombosis of deep veins of upper extremity	453.72
Chronic venous embolism and thrombosis of internal jugular veins	453.76
Chronic venous embolism and thrombosis of other specified veins	453.79
Chronic venous embolism and thrombosis of other thoracic veins	453.77
Chronic venous embolism and thrombosis of subclavian veins	453.75
Chronic venous embolism and thrombosis of superficial veins of upper extremity	453.71
Chronic venous embolism and thrombosis of unspecified deep vessels of lower extremity	453.50
Chronic venous embolism and thrombosis of upper extremity, unspecified	453.73
Clonorchiasis	121.1
Cytomegaloviral disease	078.5
Defibrination syndrome	286.6
Deficiency of vitamin K	269.0
Diabetes mellitus	250.00 – 250.93
Diphtheritic peritonitis	032.83
Disorders of bilirubin excretion	277.4
Disorders of calcium metabolism	275.40 – 275.49
Disorders of copper metabolism	275.1
Disorders of iron metabolism	275.0
Disorders of phosphorus metabolism	275.3
Disorders of porphyrin metabolism	277.1
Disorders resulting from impaired renal function	588.0 – 588.9
Diverticulitis of colon (without mention of hemorrhage)	562.11
Diverticulitis of colon with hemorrhage	562.13
Diverticulitis of small intestine (without mention of hemorrhage)	562.01

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Diverticulitis of small intestine with hemorrhage	562.03
Drug dependence	304.00 – 304.93
Drug induced myotonia	359.24
Echinococcosis, unspecified, of liver	122.8
Echinococcus granulosus infection of liver	122.0
Echinococcus multilocularis infection of liver	122.5
Echinococcus, other and unspecified	122.9
Eczema herpeticum	054.0
End stage renal disease	585.6
Eosinophilic colitis	558.42
Eosinophilis gastroenteritis	558.41
Erysipelothrix infection	027.1
Esophageal varices	456.0 – 456.21
Essential thrombocythemia	238.71
Familial Mediterranean fever	277.31
Fascioliasis	121.3
Follow-up examination after completed treatment with high-risk medications, not elsewhere classified	V67.51
Follow-up examination, chemotherapy	V67.2
Follow-up examination, radiotherapy	V67.1
Gas gangrene	040.0
Glycogenesis	271.0
Hemangioma of intra-abdominal structures	228.04
Hepatitis due to toxoplasmosis	130.5
Hepatomegaly	789.1
Herpetic septicemia	054.5
High grade myelodysplastic syndrome	238.73
Human immunodeficiency virus (HIV) disease	042
Hungry bone syndrome	275.5
Hyperparathyroidism, unspecified	252.00
Hypersplenism	289.4

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Infection by Histoplasma capsulatum without mention of manifestation	115.00
Infections of kidney	590.00 – 590.9
Infectious mononucleosis	075
Intestinal obstruction without mention of hernia	560.0 – 560.9
Jaundice, unspecified, not of newborn	782.4
Leptospirosis icterohemorrhagica	100.0
Lipidoses	272.7
Listeriosis	027.0
Liver abscess and sequelae of chronic liver disease	572.0 – 572.8
Liver disorders in pregnancy	646.70, 646.71, 646.73
Long term (current) drug use	V58.61 – V58.69
Low grade myelodysplastic syndrome	238.72
Lyme disease	088.81
Malignant carcinoid tumors of other and unspecified sites	209.20-209.27; 209.29
Malignant neoplasm of bone, connective tissue, skin, and breast	170.0 – 176.9
Malignant neoplasm of digestive organs and peritoneum	150.0 – 159.9
Malignant neoplasm of genitourinary organs	179 – 189.9
Malignant neoplasm of lymphatic and hematopoietic tissue	200.00 – 208.91
Malignant neoplasm of respiratory and intrathoracic organs	160.0 – 165.9
Malnutrition of mild degree	263.1
Meningococcal encephalitis	036.1
Meningococemia	036.2
Methicillin resistant Staphylococcus aureus septicemia	038.12
Miliary tuberculosis, unspecified	018.90 – 018.96
Mixed hyperlipidemia	272.2
Mumps hepatitis	072.71
Myelodysplastic syndrome with 5q deletion	238.74
Myelodysplastic syndrome, unspecified	238.75
Myelofibrosis with myeloid metaplasia	238.76
Myotonia congenita	359.22
Myotonic chondrodystrophy	359.23

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Myotonic Disorder	359.29
Myotonic muscular dystrophy	359.21
Neoplasm of unspecified nature of digestive system	239.0
Neoplasms of uncertain behavior	235.0 – 238.9
Nephritis and nephropathy not specified as acute or chronic	583.0 – 583.9
Nephrotic syndrome	581.0 – 581.9
Non-dependent abuse of drugs	305.00 – 305.93
Nonspecific elevation of levels of transaminase or lactic acid dehydrogenase	790.4
Organ replaced by transplant, liver	V42.7
Ornithosis, with pneumonia	073.0
Osteomalacia, unspecified	268.2
Other amyloidosis	277.39
Other an unspecified alcohol dependence	303.90 – 303.93
Other and unspecified hyperlipidemia	272.4
Other deficiencies of circulating enzymes	277.6
Other disorders of biliary tract	576.0 – 576.9
Other disorders of gallbladder	575.0 – 575.9
Other disorders of liver	573.0 – 573.9
Other disturbances of aromatic amino acid metabolism	270.2
Other hyperparathyroidism	252.08
Other lymphatic and hematopoietic tissues	238.79
Other noninfectious gastroenteritis and colitis	558.1 – 558.9
Other nonspecific abnormal serum enzyme levels	790.5
Other pernicious complications of malaria	084.9
Other retroperitoneal abscess	567.38
Other retroperitoneal infections	567.39
Other specified diseases due to Coxsackie virus	074.8
Other specified disorders resulting from impaired renal function	588.89
Other specified peritonitis	567.89
Other suppurative peritonitis	567.29
Other vein embolism and thrombosis	453.0 – 453.9

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Perforation of intestine	569.83
Peritoneal abscess	567.22
Peritonitis (acute) generalized	567.21
Plague	020.0 – 020.9
Poisoning by amphetamines	969.72
Poisoning by antidepressant, unspecified	969.00
Poisoning by caffeine	969.71
Poisoning by drugs, medicinal, and biological substances	960.0 – 979.9
Poisoning by methylphenidate	969.73
Poisoning by monoamine oxidase inhibitors	969.01
Poisoning by other antidepressants	969.09
Poisoning by other psychostimulants	969.79
Poisoning by psychostimulant, unspecified	969.70
Poisoning by selective serotonin and norepinephrine reuptake inhibitors	969.02
Poisoning by selective serotonin reuptake inhibitors	969.03
Poisoning by tetracyclic antidepressants	969.04
Poisoning by tricyclic antidepressants	969.05
Portal vein thrombosis	452
Post-transplant lymphoproliferative disorder (PTLD)	238.77
Primary hyperparathyroidism	252.01
Pure hypercholesterolemia	272.0
Pure hyperglyceridemia	272.1
Regional enteritis	555.0 – 555.9
Renal sclerosis, unspecified	587
Rickets, active	268.0
Salmonella septicemia	003.1
Sarcoidosis	135
Schistosomiasis, unspecified	120.9
Sclerosing mesenteritis	567.82
Secondary hyperparathyroidism (of renal organ)	588.81
Secondary hyperparathyroidism, non-renal	252.02

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Secondary Merkel cell carcinoma	209.75*
Secondary neuroendocrine tumor of bone	209.73
Secondary neuroendocrine tumor of distant lymph nodes	209.71
Secondary neuroendocrine tumor of liver	209.72
Secondary neuroendocrine tumor of other sites	209.79
Secondary neuroendocrine tumor of peritoneum	209.74
Secondary neuroendocrine tumor, unspecified site	209.70
Secondary syphilitic hepatitis	091.62
Septicemia	038.0 – 038.9
Severe pre-eclampsia	642.50 – 642.54
Sickle cell anemia, Hb-C disease	282.63
Sickle cell anemia, Hb-C disease with crisis	282.64
Sickle cell anemia, Hb-S with mention of crisis	282.62
Sickle cell anemia, Hb-S without mention of crisis	282.61
Sickle cell anemia, other	282.69
Sickle cell anemia, Other sickle cell disease without crisis	282.68
Sickle cell anemias, unspecified	282.60
Splenic sequestration	289.52
Spontaneous bacterial peritonitis	567.23
Syphilis of liver	095.3
Tick-borne rickettsioses, stet	082.0 – 082.9
Toxic effects of substances chiefly nonmedical as to source	980.0 – 989.89
Tuberculoid leprosy [Type T]	030.1
Tuberculosis of intestines, peritoneum, and mesenteric glands	014.00 – 014.86
Tuberculosis of other specified organs	017.90 – 017.96
Ulcerative colitis	556.0 – 556.9
Unspecified disorder of amino acid metabolism	270.9
Unspecified disorder of lipid metabolism	272.9
Unspecified protein – calorie malnutrition	263.9
Unspecified viral hepatitis C with hepatic coma	070.71

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Unspecified viral hepatitis C without hepatic coma	070.70
Unspecified viral infection	079.99
Venous embolism and thrombosis of deep vessels of distal lower extremity	453.42
Venous embolism and thrombosis of deep vessels of proximal lower extremity	453.41
Venous embolism and thrombosis of unspecified deep vessels of lower extremity	453.40
Viral hepatitis	070.0 – 070.9
Yellow Fever	060.0 – 060.1

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ICD Codes

Numerical Order

003.1	082.0 – 082.9	209.75*
006.0 – 006.9	084.9	209.79
014.00 – 014.86	086.1	211.5
017.90 – 017.96	088.81	211.6
018.90 – 018.96	091.62	211.7
020.0 – 020.9	095.3	228.04
022.3	100.0	230.7
027.0	112.5	230.8
027.1	115.00	230.9
030.1	120.9	235.0 – 238.9
032.83	121.1	238.71
036.1	121.3	238.72
036.2	122.0	238.73
038.0 – 038.9	122.5	238.74
038.12	122.8	238.75
039.2	122.9	238.76
040.0	130.5	238.77
042	135	238.79
054.0	150.0 – 159.9	239.0
054.5	160.0 – 165.9	250.00 – 250.93
060.0 – 060.1	170.0 – 176.9	252.00
070.0 – 070.9	179 – 189.9	252.01
070.70	200.00 – 208.91	252.02
070.71	209.20-209.27;	252.08
072.71	209.29	263.1
	209.70	
073.0	209.71	263.9
074.8	209.72	268.0
075	209.73	268.2
078.5	209.74	269.0
079.99		270.2

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Numerical Order

270.9	289.52	453.84
271.0	291.0 – 291.9	453.85
272.0	303.00 – 303.03	453.86
272.1	303.90 – 303.93	453.87
272.2	304.00 – 304.93	453.89
272.4	305.00 – 305.93	456.0 – 456.21
272.7	357.5	555.0 – 555.9
272.9	359.21	556.0 – 556.9
273.4	359.22	557.0
275.0	359.23	558.1 – 558.9
275.1	359.24	558.41
275.3	359.29	558.42
275.40 – 275.49	452	560.0 – 560.9
275.5	453.0 – 453.9	562.01
277.1	453.40	562.03
277.30	453.41	562.11
277.31	453.42	562.13
277.39	453.50	567.21
277.4	453.71	567.22
277.6	453.72	567.23
282.60	453.73	567.29
282.61	453.74**	567.38
282.62	453.75	567.39
282.63	453.76	567.81
282.64	453.77	567.82
282.68	453.79	567.89
282.69	453.81	569.83
286.6	453.82	570
286.7	453.83	
289.4		