

Appendix A

Diagnostic Clinical Laboratory Services, Vitamin and Metabolic Assays

Covered Assays

The following Vitamin and Metabolic Assays or Clinical Diagnostic Laboratory Tests are considered allowable for coverage:

- 82180 Assay of ascorbic acid
- 82306 Vitamin D 25 hydroxy
- 82379 Assay of carnitine
- 82607 Vitamin B-12
- 82652 Vit D 1 25-dihydroxy
- 82746 Assay of folic acid serum
- 83090 Assay of homocystine
- 83698 Assay lipoprotein pla2
- 84207 Assay of vitamin B-6
- 84252 Assay of vitamin B-2
- 84425 Assay of vitamin B-1
- 84446 Assay of vitamin E
- 84590 Assay of vitamin A
- 84597 Assay of vitamin K
- 85385 Fibrinogen antigen
- 86141 C-reactive protein hs
- 86352 Cell function assay w/stim
- 86353 Lymphocyte transformation

Clinical Indications supporting medical necessity include, but not limited to, the following:

82180 Assay of ascorbic acid (Vitamin C)

- Ascorbic acid deficiency - Scurvy
- Elevated ascorbic acid – renal calculi, iron overload
- Alcoholism
- Pregnancy, Lactation
- Thyrotoxicosis
- Status Post-Operative recovery
- Burns
- Hemodialysis or peritoneal dialysis
- Anorexia nervosa/anorexia
- AIDS
- Cancer
- Chronic diarrhea
- Crohn's disease

- Ulcerative Colitis

84252 Assay of vitamin B-2

- Ariboflavinosis
- Anemia
- Anorexia/bulimia
- Cataracts
- Cognitive dysfunction
- Depression
- Migraines
- Weakness
- Chronic swollen/sore throat
- Swollen tongue
- Skin cracking
- Dermatitis
- Blurred vision
- Chronic itching
- Photo-phobia

84425 Assay of vitamin B-1

- Alcoholism
- Crohn's disease
- Anorexia
- Hemodialysis
- Beriberi
- Wernicke-Korsakoff syndrome
- Cataracts
- Alzheimer disease
- Heart failure
- Depression
- Symptomatic presentation
 - Headache
 - Nausea
 - Fatigue
 - Irritability
 - Abdominal discomfort
 - Swelling, tingling, or burning sensation in the hands and feet
 - Confusion
 - Shortness of breath secondary to heart failure and pulmonary edema
 - Nystagmus

84446 Assay of vitamin E

- Abetalipoproteinemia
- Muscle weakness
- Blindness

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- Spinocerebellar ataxia
- Myopathies
- Dysarthria
- Absence of deep tendon reflexes
- Loss of vibratory sensation and proprioception
 - (+) Babinski sign
- Anemia
- Retinopathy
- Immune impairment
- Malnutrition
- Cardiac dysrhythmia
- Dementia

84590 Assay of vitamin A

- Beriberi
- Malnourished
- Chronic illness
- Abnormal night vision
- Dry skin
- Dry hair
- Broken fingernails
- Immunodeficiency
- Anemia
- Abnormal skeletal growth
- Chronic diarrhea
- Xerophthalmia
- Bitot's spots
- Cystic fibrosis
- Pancreatic insufficiency
- Chronic pancreatitis
- Cancer
- Age-related macular degeneration
- Measles
- Pneumonia
- Croup
- Hypovitaminosis A

84597 Assay of vitamin K

- Abnormal bleeding (vitamin K deficiency bleeding – VKDB)
- Easy bruisability
- Subungual petechial spots
- Melena
- Hematochezia
- Epistaxis

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- Hyper-anticoagulant therapy (warfarin)
- Malabsorption
- Celiac disease
- Cystic fibrosis
- Disorder of the intestine, biliary tract (liver, gallbladder, and bile ducts)
- Status post small bowel resection
- Intracranial hemorrhage
- GI bleed

ICD-10 Codes Supporting Medical Necessity

82306 Vitamin D 25 hydroxy and **82652** Vitamin D 1 25-dihydroxy

- E20.0 Idiopathic hypoparathyroidism
- E20.8 Other hypoparathyroidism
- E20.9 Hypoparathyroidism, unspecified
- E21.0 Primary hyperparathyroidism
- E21.1 Secondary hyperparathyroidism, not elsewhere classified
- E21.2 Other hyperparathyroidism
- E21.3 Hyperparathyroidism, unspecified
- E55.0 Rickets, active
- E55.9 Vitamin D deficiency, unspecified
- E83.30 Disorder of phosphorus metabolism, unspecified
- E83.31 Familial hypophosphatemia
- E83.32 Hereditary vitamin D-dependent rickets (type 1) (type 2)
- E83.39 Other disorders of phosphorus metabolism
- E83.51 Hypocalcemia
- E83.52 Hypercalcemia
- E89.2 Postprocedural hypoparathyroidism
- M81.0 Age-related osteoporosis without current pathological fracture
- M81.6 Localized osteoporosis [Lequesne]
- M81.8 Other osteoporosis without current pathological fracture
- M83.0 Puerperal osteomalacia
- M83.1 Senile osteomalacia
- M83.2 Adult osteomalacia due to malabsorption
- M83.3 Adult osteomalacia due to malnutrition
- M83.4 Aluminum bone disease
- M83.5 Other drug-induced osteomalacia in adults
- M83.8 Other adult osteomalacia
- M83.9 Adult osteomalacia, unspecified
- M85.811 Other specified disorders of bone density and structure, right shoulder
- M85.812 Other specified disorders of bone density and structure, left shoulder
- M85.821 Other specified disorders of bone density and structure, right upper arm
- M85.822 Other specified disorders of bone density and structure, left upper arm
- M85.831 Other specified disorders of bone density and structure, right forearm
- M85.832 Other specified disorders of bone density and structure, left forearm

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- M85.841 Other specified disorders of bone density and structure, right hand
- M85.842 Other specified disorders of bone density and structure, left hand
- M85.851 Other specified disorders of bone density and structure, right thigh
- M85.852 Other specified disorders of bone density and structure, left thigh
- M85.861 Other specified disorders of bone density and structure, right lower leg
- M85.862 Other specified disorders of bone density and structure, left lower leg
- M85.871 Other specified disorders of bone density and structure, right ankle and foot
- M85.872 Other specified disorders of bone density and structure, left ankle and foot
- M85.9 Disorder of bone density and structure, unspecified
- M89.9 Disorder of bone, unspecified
- M94.9 Disorder of cartilage, unspecified
- N18.3 Chronic kidney disease, stage 3 (moderate)
- N18.4 Chronic kidney disease, stage 4 (severe)
- N18.5 Chronic kidney disease, stage 5
- N18.6 End stage renal disease
- N25.81 Secondary hyperparathyroidism of renal origin

82379 Assay of carnitine

- D63.1 Anemia in chronic kidney disease
- E71.40 Disorder of carnitine metabolism, unspecified
- E71.41 Primary carnitine deficiency
- E71.42 Carnitine deficiency due to inborn errors of metabolism
- E71.43 Iatrogenic carnitine deficiency
- E71.440 Ruvalcaba-Myhre-Smith syndrome
- E71.448 Other secondary carnitine deficiency
- I95.3 Hypotension of hemodialysis

82607 - Vitamin B-12, **82746** - Assay of folic acid serum, and **83090** - Assay of homocysteine

- D51.0 Vitamin B12 deficiency anemia due to intrinsic factor deficiency
- D51.1 Vitamin B12 deficiency anemia due to selective vitamin B12 malabsorption with proteinuria
- D51.2 Transcobalamin II deficiency
- D51.3 Other dietary vitamin B12 deficiency anemia
- D51.8 Other vitamin B12 deficiency anemias
- D51.9 Vitamin B12 deficiency anemia, unspecified
- D52.0 Dietary folate deficiency anemia
- D52.1 Drug-induced folate deficiency anemia
- D52.8 Other folate deficiency anemias
- D52.9 Folate deficiency anemia, unspecified
- D53.1 Other megaloblastic anemias, not elsewhere classified
- D53.9 Nutritional anemia, unspecified
- D69.6 Thrombocytopenia, unspecified
- D70.0 Congenital agranulocytosis
- D70.1 Agranulocytosis secondary to cancer chemotherapy

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- D70.2 Other drug-induced agranulocytosis
- D70.3 Neutropenia due to infection
- D70.4 Cyclic neutropenia
- D70.8 Other neutropenia
- D70.9 Neutropenia, unspecified
- D71 Functional disorders of polymorphonuclear neutrophils
- D72.0 Genetic anomalies of leukocytes
- D72.1 Eosinophilia
- D72.810 Lymphocytopenia
- D72.818 Other decreased white blood cell count
- D72.819 Decreased white blood cell count, unspecified
- D76.1 Hemophagocytic lymphohistiocytosis
- D76.2 Hemophagocytic syndrome, infection-associated
- D76.3 Other histiocytosis syndromes
- D81.818 Other biotin-dependent carboxylase deficiency
- D81.819 Biotin-dependent carboxylase deficiency, unspecified
- E41 Nutritional marasmus
- E43 Unspecified severe protein-calorie malnutrition
- E44.0 Moderate protein-calorie malnutrition
- E45 Retarded development following protein-calorie malnutrition
- E46 Unspecified protein-calorie malnutrition
- E53.8 Deficiency of other specified B group vitamins
- E64.0 Sequelae of protein-calorie malnutrition
- E72.10 Disorders of sulfur-bearing amino-acid metabolism, unspecified
- Homocystinuria
- E72.12 Methylenetetrahydrofolate reductase deficiency
- E72.19 Other disorders of sulfur-bearing amino-acid metabolism
- F03.90 Unspecified dementia without behavioral disturbance
- F10.20 Alcohol dependence, uncomplicated
- G25.70 Drug induced movement disorder, unspecified
- G25.71 Drug induced akathisia
- G25.79 Other drug induced movement disorders
- G25.89 Other specified extrapyramidal and movement disorders
- G25.9 Extrapyramidal and movement disorder, unspecified
- G26 Extrapyramidal and movement disorders in diseases classified elsewhere
- G30.0 Alzheimer's disease with early onset
- G30.1 Alzheimer's disease with late onset
- G30.8 Other Alzheimer's disease
- G30.9 Alzheimer's disease, unspecified
- G60.3 Idiopathic progressive neuropathy
- G60.9 Hereditary and idiopathic neuropathy, unspecified
- K14.0 Glossitis
- K14.6 Glossodynia
- K31.83 Achlorhydria

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- K50.00 Crohn's disease of small intestine without complications
- K50.011 Crohn's disease of small intestine with rectal bleeding
- K50.012 Crohn's disease of small intestine with intestinal obstruction
- K50.013 Crohn's disease of small intestine with fistula
- K50.014 Crohn's disease of small intestine with abscess
- K50.018 Crohn's disease of small intestine with other complication
- K50.019 Crohn's disease of small intestine with unspecified complications
- K50.10 Crohn's disease of large intestine without complications
- K50.111 Crohn's disease of large intestine with rectal bleeding
- K50.112 Crohn's disease of large intestine with intestinal obstruction
- K50.113 Crohn's disease of large intestine with fistula
- K50.114 Crohn's disease of large intestine with abscess
- K50.118 Crohn's disease of large intestine with other complication
- K50.119 Crohn's disease of large intestine with unspecified complications
- K50.80 Crohn's disease of both small and large intestine without complications
- K50.811 Crohn's disease of both small and large intestine with rectal bleeding
- K50.812 Crohn's disease of both small and large intestine with intestinal obstruction
- K50.813 Crohn's disease of both small and large intestine with fistula
- K50.814 Crohn's disease of both small and large intestine with abscess
- K50.818 Crohn's disease of both small and large intestine with other complication
- K50.819 Crohn's disease of both small and large intestine with unspecified complications
- K50.90 Crohn's disease, unspecified, without complications
- K50.911 Crohn's disease, unspecified, with rectal bleeding
- K50.912 Crohn's disease, unspecified, with intestinal obstruction
- K50.913 Crohn's disease, unspecified, with fistula
- K50.914 Crohn's disease, unspecified, with abscess
- K50.918 Crohn's disease, unspecified, with other complication
- K50.919 Crohn's disease, unspecified, with unspecified complications
- K52.21 Food protein-induced enterocolitis syndrome
- K52.22 Food protein-induced enteropathy
- K52.29 Other allergic and dietetic gastroenteritis and colitis
- K52.3 Indeterminate colitis
- K52.831 Collagenous colitis
- K52.832 Lymphocytic colitis
- K58.1 Irritable bowel syndrome with constipation
- K58.2 Mixed irritable bowel syndrome
- K90.0 Celiac disease
- K90.1 Tropical sprue
- K90.2 Blind loop syndrome, not elsewhere classified
- K90.3 Pancreatic steatorrhea
- K90.81 Whipple's disease
- K90.89 Other intestinal malabsorption
- K90.9 Intestinal malabsorption, unspecified
- K91.2 Postsurgical malabsorption, not elsewhere classified

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- R20.0 Anesthesia of skin
- R20.1 Hypoesthesia of skin
- R20.2 Paresthesia of skin
- R20.3 Hyperesthesia
- R20.8 Other disturbances of skin sensation
- R20.9 Unspecified disturbances of skin sensation
- R26.0 Ataxic gait
- R26.1 Paralytic gait
- R26.81 Unsteadiness on feet
- R26.89 Other abnormalities of gait and mobility
- R26.9 Unspecified abnormalities of gait and mobility
- R27.0 Ataxia, unspecified
- R27.8 Other lack of coordination
- R27.9 Unspecified lack of coordination
- R41.1 Anterograde amnesia
- R41.2 Retrograde amnesia
- R41.3 Other amnesia
- R41.9* Unspecified symptoms and signs involving cognitive functions and awareness
- R45.84 Anhedonia
- R68.89 Other general symptoms and signs
- Z51.11 Encounter for antineoplastic chemotherapy
- Z79.3 Long term (current) use of hormonal contraceptives
- Z79.891 Long term (current) use of opiate analgesic
- Z79.899 Other long term (current) drug therapy
- Z86.2 Personal history of diseases of the blood and blood-forming organs and certain disorders involving
 - the immune mechanism
- Z86.31 Personal history of diabetic foot ulcer
- Z86.32 Personal history of gestational diabetes
- Z86.39 Personal history of other endocrine, nutritional and metabolic disease
- Z98.0 Intestinal bypass and anastomosis status
- Z99.2 Dependence on renal dialysis

NOTE: *Use code R41.9 to identify altered mental status.

84207 Assay of vitamin B-6

- Hereditary sideroblastic anemia
- D64.1 Secondary sideroblastic anemia due to disease
- D64.2 Secondary sideroblastic anemia due to drugs and toxins
- D64.3 Other sideroblastic anemias
- E53.1 Pyridoxine deficiency
- G25.70 Drug induced movement disorder, unspecified
- G25.71 Drug induced akathisia
- G25.79 Other drug induced movement disorders
- G25.89 Other specified extrapyramidal and movement disorders

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- G26 Extrapyrimal and movement disorders in diseases classified elsewhere
- G57.83 Other specified mononeuropathies of bilateral lower limbs
- G57.93 Unspecified mononeuropathy of bilateral lower limbs
- G60.9 Hereditary and idiopathic neuropathy, unspecified
- G61.82 Multifocal motor neuropathy
- K14.0 Glossitis

85385 Fibrinogen antigen

- D47.3 Essential (hemorrhagic) thrombocythemia
- D65 Disseminated intravascular coagulation [defibrination syndrome]
- D68.2 Hereditary deficiency of other clotting factors
- D68.32 Hemorrhagic disorder due to extrinsic circulating anticoagulants
- D68.4 Acquired coagulation factor deficiency
- D69.3 Immune thrombocytopenic purpura
- D69.41 Evans syndrome
- D69.42 Congenital and hereditary thrombocytopenia purpura
- D69.49 Other primary thrombocytopenia
- D69.51 Posttransfusion purpura
- D69.59 Other secondary thrombocytopenia
- D69.6 Thrombocytopenia, unspecified
- R79.1 Abnormal coagulation profile

86352 - Cell function assay w/stim and **86353** - Lymphocyte transformation

- D81.4 Nezelof's syndrome
- D82.0 Wiskott-Aldrich syndrome
- D82.1 Di George's syndrome
- D83.1 Common variable immunodeficiency with predominant immunoregulatory T-cell disorders
- T86.00 Unspecified complication of bone marrow transplant
- T86.01 Bone marrow transplant rejection
- T86.02 Bone marrow transplant failure
- T86.03 Bone marrow transplant infection
- T86.09 Other complications of bone marrow transplant
- T86.10 Unspecified complication of kidney transplant
- T86.11 Kidney transplant rejection
- T86.12 Kidney transplant failure
- T86.13 Kidney transplant infection
- T86.19 Other complication of kidney transplant
- T86.20 Unspecified complication of heart transplant
- T86.21 Heart transplant rejection
- T86.22 Heart transplant failure
- T86.23 Heart transplant infection
- T86.290 Cardiac allograft vasculopathy
- T86.298 Other complications of heart transplant

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- T86.30 Unspecified complication of heart-lung transplant
- T86.31 Heart-lung transplant rejection
- T86.32 Heart-lung transplant failure
- T86.33 Heart-lung transplant infection
- T86.39 Other complications of heart-lung transplant
- T86.40 Unspecified complication of liver transplant
- T86.41 Liver transplant rejection
- T86.42 Liver transplant failure
- T86.43 Liver transplant infection
- T86.49 Other complications of liver transplant
- T86.5 Complications of stem cell transplant
- T86.810 Lung transplant rejection
- T86.811 Lung transplant failure
- T86.812 Lung transplant infection
- T86.818 Other complications of lung transplant
- T86.819 Unspecified complication of lung transplant
- T86.850 Intestine transplant rejection
- T86.851 Intestine transplant failure
- T86.852 Intestine transplant infection
- T86.858 Other complications of intestine transplant
- T86.859 Unspecified complication of intestine transplant
- T86.890 Other transplanted tissue rejection
- T86.891 Other transplanted tissue failure
- T86.899 Unspecified complication of other transplanted tissue
- Z48.21 Encounter for aftercare following heart transplant
- Z48.22 Encounter for aftercare following kidney transplant
- Z48.23 Encounter for aftercare following liver transplant
- Z48.24 Encounter for aftercare following lung transplant
- Z48.280 Encounter for aftercare following heart-lung transplant
- Z48.290 Encounter for aftercare following bone marrow transplant
- Z94.0 Kidney transplant status
- Z94.1 Heart transplant status
- Z94.2 Lung transplant status
- Z94.3 Heart and lungs transplant status
- Z94.4 Liver transplant status
- Z94.81 Bone marrow transplant status
- Z94.82 Intestine transplant status
- Z94.83 Pancreas transplant status

86141 - C-reactive protein hs and **83698** - Assay lipoprotein pla2

- Atherosclerotic heart disease of native coronary artery without angina pectoris
- I25.110 Atherosclerotic heart disease of native coronary artery with unstable angina pectoris

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- I25.111 Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
- I25.118 Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
- I25.119 Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
- I25.84 Coronary atherosclerosis due to calcified coronary lesion
- I70.0 Atherosclerosis of aorta
- I70.1 Atherosclerosis of renal artery
- I70.201 Unspecified atherosclerosis of native arteries of extremities, right leg
- I70.202 Unspecified atherosclerosis of native arteries of extremities, left leg
- I70.203 Unspecified atherosclerosis of native arteries of extremities, bilateral legs
- I70.208 Unspecified atherosclerosis of native arteries of extremities, other extremity
- I70.209 Unspecified atherosclerosis of native arteries of extremities, unspecified extremity
- I70.211 Atherosclerosis of native arteries of extremities with intermittent claudication, right leg
- I70.212 Atherosclerosis of native arteries of extremities with intermittent claudication, left leg
- I70.213 Atherosclerosis of native arteries of extremities with intermittent claudication, bilateral legs
- I70.218 Atherosclerosis of native arteries of extremities with intermittent claudication, other extremity
- I70.219 Atherosclerosis of native arteries of extremities with intermittent claudication, unspecified extremity
- I70.221 Atherosclerosis of native arteries of extremities with rest pain, right leg
- I70.222 Atherosclerosis of native arteries of extremities with rest pain, left leg
- I70.223 Atherosclerosis of native arteries of extremities with rest pain, bilateral legs
- I70.228 Atherosclerosis of native arteries of extremities with rest pain, other extremity
- I70.229 Atherosclerosis of native arteries of extremities with rest pain, unspecified extremity
- I70.231 Atherosclerosis of native arteries of right leg with ulceration of thigh
- I70.232 Atherosclerosis of native arteries of right leg with ulceration of calf
- I70.233 Atherosclerosis of native arteries of right leg with ulceration of ankle
- I70.234 Atherosclerosis of native arteries of right leg with ulceration of heel and midfoot
- I70.235 Atherosclerosis of native arteries of right leg with ulceration of other part of foot
- I70.238 Atherosclerosis of native arteries of right leg with ulceration of other part of lower right leg
- I70.239 Atherosclerosis of native arteries of right leg with ulceration of unspecified site
- I70.241 Atherosclerosis of native arteries of left leg with ulceration of thigh
- I70.242 Atherosclerosis of native arteries of left leg with ulceration of calf
- I70.243 Atherosclerosis of native arteries of left leg with ulceration of ankle
- I70.244 Atherosclerosis of native arteries of left leg with ulceration of heel and midfoot
- I70.245 Atherosclerosis of native arteries of left leg with ulceration of other part of foot

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- I70.248 Atherosclerosis of native arteries of left leg with ulceration of other part of lower left leg
- I70.249 Atherosclerosis of native arteries of left leg with ulceration of unspecified site
- I70.25 Atherosclerosis of native arteries of other extremities with ulceration
- I70.261 Atherosclerosis of native arteries of extremities with gangrene, right leg
- I70.262 Atherosclerosis of native arteries of extremities with gangrene, left leg
- I70.263 Atherosclerosis of native arteries of extremities with gangrene, bilateral legs
- I70.268 Atherosclerosis of native arteries of extremities with gangrene, other extremity
- I70.269 Atherosclerosis of native arteries of extremities with gangrene, unspecified extremity
- I70.291 Other atherosclerosis of native arteries of extremities, right leg
- I70.292 Other atherosclerosis of native arteries of extremities, left leg
- I70.293 Other atherosclerosis of native arteries of extremities, bilateral legs
- I70.298 Other atherosclerosis of native arteries of extremities, other extremity
- I70.299 Other atherosclerosis of native arteries of extremities, unspecified extremity
- I70.301 Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, right leg
- I70.302 Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, left leg
- I70.303 Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, bilateral legs
- I70.308 Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, other extremity
- I70.309 Unspecified atherosclerosis of unspecified type of bypass graft(s) of the extremities, unspecified extremity
- I70.311 Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, right leg
- I70.312 Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, left leg
- I70.313 Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, bilateral legs
- I70.318 Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, other extremity
- I70.319 Atherosclerosis of unspecified type of bypass graft(s) of the extremities with intermittent claudication, unspecified extremity
- I70.321 Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, right leg
- I70.322 Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, left leg
- I70.323 Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, bilateral legs

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- I70.328 Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, other extremity
- I70.329 Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, unspecified extremity
- I70.331 Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of thigh
- I70.332 Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of calf
- I70.333 Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of ankle
- I70.334 Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of heel and midfoot
- I70.335 Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of other part of foot
- I70.8 Atherosclerosis of other arteries
- I70.90 Unspecified atherosclerosis
- I70.91 Generalized atherosclerosis
- I70.92 Chronic total occlusion of artery of the extremities

83698 - Assay lipoprotein pla2

- E11.65 Type 2 diabetes mellitus with hyperglycemia
- E11.9 Type 2 diabetes mellitus without complications
- E13.9 Other specified diabetes mellitus without complications
- E78.00 Pure hypercholesterolemia, unspecified
- E78.01 Familial hypercholesterolemia
- E78.1 Pure hyperglyceridemia
- E78.2 Mixed hyperlipidemia
- E78.3 Hyperchylomicronemia
- E78.4 Other hyperlipidemia
- E78.5 Hyperlipidemia, unspecified

Frequency limitations:

Frequency limitations based on utilization data have been established and are as follows:

- 82180 1 time per year
- 82306 up to 3 times per year
- 82379 up to 3 times per year
- 82607 up to 3 times per year
- 82652 up to 2 times per year
- 82746 up to 3 times per year
- 83090 1 time per year
- 83698 1 time per year
- 84207 1 time per year
- 84252 1 time per year
- 84425 1 time per year

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- 84446 1 time per year
- 84590 1 time per year
- 84597 1 time per year
- 85385 up to 3 times per year
- 86352 frequencies not determined

Note: At this time, limited coverage has not been established for the following CPT codes: **82180, 84252, 84425, 84446, 84590 and 84597.**

Vitamin and Metabolic Assays not covered:

The following Vitamin and Metabolic Assays or Clinical Diagnostic Laboratory Tests are not considered allowable for coverage:

- 84255 Assay of selenium
- 84591 Assay of nos vitamin
- 84999 Clinical chemistry test