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

**8425** 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
- 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 bursibility
- Subungual petechial spots
- Melena
- Hematochezia
- Epistaxis
- 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
- 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
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
o K50.00 Crohn's disease of small intestine without complications
o K50.011 Crohn's disease of small intestine with rectal bleeding
o K50.012 Crohn's disease of small intestine with intestinal obstruction
o K50.013 Crohn's disease of small intestine with fistula
o K50.014 Crohn's disease of small intestine with abscess
o K50.018 Crohn's disease of small intestine with other complication
o K50.019 Crohn's disease of small intestine with unspecified complications
o K50.10 Crohn's disease of large intestine without complications
o K50.111 Crohn's disease of large intestine with rectal bleeding
o K50.112 Crohn's disease of large intestine with intestinal obstruction
o K50.113 Crohn's disease of large intestine with fistula
o K50.114 Crohn's disease of large intestine with abscess
o K50.118 Crohn's disease of large intestine with other complication
o K50.119 Crohn's disease of large intestine with unspecified complications
o K50.80 Crohn's disease of both small and large intestine without complications
o K50.811 Crohn's disease of both small and large intestine with rectal bleeding
o K50.812 Crohn's disease of both small and large intestine with intestinal obstruction
o K50.813 Crohn's disease of both small and large intestine with fistula
o K50.814 Crohn's disease of both small and large intestine with abscess
o K50.818 Crohn's disease of both small and large intestine with other complication
o K50.819 Crohn's disease of both small and large intestine with unspecified complications
o K50.90 Crohn's disease, unspecified, without complications
o K50.911 Crohn's disease, unspecified, with rectal bleeding
o K50.912 Crohn's disease, unspecified, with intestinal obstruction
o K50.913 Crohn's disease, unspecified, with fistula
o K50.914 Crohn's disease, unspecified, with abscess
o K50.918 Crohn's disease, unspecified, with other complication
o K50.919 Crohn's disease, unspecified, with unspecified complications
o K52.21 Food protein-induced enterocolitis syndrome
o K52.22 Food protein-induced enteropathy
o K52.29 Other allergic and dietetic gastroenteritis and colitis
o K52.3 Indeterminate colitis
o K52.831 Collagenous colitis
o K52.832 Lymphocytic colitis
o K58.1 Irritable bowel syndrome with constipation
o K58.2 Mixed irritable bowel syndrome
o K90.0 Celiac disease
o K90.1 Tropical sprue
o K90.2 Blind loop syndrome, not elsewhere classified
o K90.3 Pancreatic steatorrhea
o K90.81 Whipple's disease
o K90.89 Other intestinal malabsorption
o K90.9 Intestinal malabsorption, unspecified
o K91.2 Postsurgical malabsorption, not elsewhere classified
o R20.0 Anesthesia of skin
o R20.1 Hypoesthesia of skin
o R20.2 Paresthesia of skin
o R20.3 Hyperesthesia
o R20.8 Other disturbances of skin sensation
o R20.9 Unspecified disturbances of skin sensation
o R26.0 Ataxic gait
o R26.1 Paralytic gait
o R26.81 Unsteadiness on feet
o R26.89 Other abnormalities of gait and mobility
o R26.9 Unspecified abnormalities of gait and mobility
o R27.0 Ataxia, unspecified
o R27.8 Other lack of coordination
o R27.9 Unspecified lack of coordination
o R41.1 Anterograde amnesia
o R41.2 Retrograde amnesia
o R41.3 Other amnesia
o R41.9* Unspecified symptoms and signs involving cognitive functions and awareness
o R45.84 Anhedonia
o R68.89 Other general symptoms and signs
o Z51.11 Encounter for antineoplastic chemotherapy
o Z79.3 Long term (current) use of hormonal contraceptives
o Z79.891 Long term (current) use of opiate analgesic
o Z79.899 Other long term (current) drug therapy
o Z86.2 Personal history of diseases of the blood and blood-forming organs and certain disorders involving
   the immune mechanism
o Z86.31 Personal history of diabetic foot ulcer
o Z86.32 Personal history of gestational diabetes
o Z86.39 Personal history of other endocrine, nutritional and metabolic disease
o Z98.0 Intestinal bypass and anastomosis status
o Z99.2 Dependence on renal dialysis
NOTE: *Use code R41.9 to identify altered mental status.

84207 Assay of vitamin B-6
o Hereditary sideroblastic anemia
o D64.1 Secondary sideroblastic anemia due to disease
o D64.2 Secondary sideroblastic anemia due to drugs and toxins
o D64.3 Other sideroblastic anemias
o E53.1 Pyridoxine deficiency
o G25.70 Drug induced movement disorder, unspecified
o G25.71 Drug induced akathisia
o G25.79 Other drug induced movement disorders
o G25.89 Other specified extrapyramidal and movement disorders
- G26 Extrapyramidal 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
o T86.30 Unspecified complication of heart-lung transplant
o T86.31 Heart-lung transplant rejection
o T86.32 Heart-lung transplant failure
o T86.33 Heart-lung transplant infection
o T86.39 Other complications of heart-lung transplant
o T86.40 Unspecified complication of liver transplant
o T86.41 Liver transplant rejection
o T86.42 Liver transplant failure
o T86.43 Liver transplant infection
o T86.49 Other complications of liver transplant
o T86.5 Complications of stem cell transplant
o T86.810 Lung transplant rejection
o T86.811 Lung transplant failure
o T86.812 Lung transplant infection
o T86.818 Other complications of lung transplant
o T86.819 Unspecified complication of lung transplant
o T86.850 Intestine transplant rejection
o T86.851 Intestine transplant failure
o T86.852 Intestine transplant infection
o T86.858 Other complications of intestine transplant
o T86.859 Unspecified complication of intestine transplant
o T86.890 Other transplanted tissue rejection
o T86.891 Other transplanted tissue failure
o T86.899 Unspecified complication of other transplanted tissue
o Z48.21 Encounter for aftercare following heart transplant
o Z48.22 Encounter for aftercare following kidney transplant
o Z48.23 Encounter for aftercare following liver transplant
o Z48.24 Encounter for aftercare following lung transplant
o Z48.280 Encounter for aftercare following heart-lung transplant
o Z48.290 Encounter for aftercare following bone marrow transplant
o Z94.0 Kidney transplant status
o Z94.1 Heart transplant status
o Z94.2 Lung transplant status
o Z94.3 Heart and lungs transplant status
o Z94.4 Liver transplant status
o Z94.81 Bone marrow transplant status
o Z94.82 Intestine transplant status
o 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
- 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
- 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
o I70.328 Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, other extremity
o I70.329 Atherosclerosis of unspecified type of bypass graft(s) of the extremities with rest pain, unspecified extremity
o I70.331 Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of thigh
o I70.332 Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of calf
o I70.333 Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of ankle
o I70.334 Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of heel and midfoot
o I70.335 Atherosclerosis of unspecified type of bypass graft(s) of the right leg with ulceration of other part of foot
o I70.8 Atherosclerosis of other arteries
o I70.90 Unspecified atherosclerosis
o I70.91 Generalized atherosclerosis
o 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
o 84446 1 time per year
o 84590 1 time per year
o 84597 1 time per year
o 85385 up to 3 times per year
o 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:

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