

# CPT/ICD-9 CROSS REFERENCE GUIDE

This CPT/ICD-9 Cross Reference Guide is designed to assist healthcare providers in choosing appropriate diagnostic codes based on specific symptoms and conditions and to provide matching CPT codes for GSDL test markers.

For your convenience, laboratory assessments and their markers, along with related diagnosis codes, are arranged under the five major physiological categories of functional analysis: Gastrointestinal, Immune, Nutritional, Endocrine, and Metabolic.

This concise guide is not intended to be comprehensive; physicians may elect to signify other possible diagnoses not listed under each test.

It is hoped that this reference guide will help simplify and speed the test ordering process. Proper use of this guide can help enhance compliance with medical necessity guidelines, clarify the diagnostic purpose of ordering tests, and ensure appropriate testing based upon specific patient conditions and symptoms.

## **Definition of Medical Necessity**

*All claims submitted to Medicare/Medicaid for GSDL laboratory services must be for tests that are medically necessary. "Medically necessary" is defined as a test or procedure that is reasonable and necessary for the diagnosis or treatment of illness or injury or to improve the functioning of a malformed body member. Consequently, tests performed for screening purposes will not be reimbursed by the Medicare program. Physicians may deem it medically necessary to order a single test or a portion of a profile.*



# CPT/ICD-9 CROSS REFERENCE GUIDE

Profile Components	CPT	ICD-9	Condition
<b>GASTROINTESTINAL ADD-ONS</b>			
<b>MIC SENSITIVITIES, YEAST OR BACTERIAL</b>			
Bacterial or Yeast	87186	558.9	__ Gastroenteritis
		564.1	__ Irritable Bowel
<b>E. COLI STEREOTYPING &amp; CAMPYLOBACTER CULTURE</b>			
E. Coli	87427	564.0	__ Constipation
		787.91	__ Diarrhea
		558.9	__ Gastroenteritis
		564.1	__ Irritable Bowel
Campylobacter	87449	564.0	__ Constipation
		564.1	__ Irritable Bowel
<b>MACROSCOPIC EXAMINATION FOR WORMS</b>			
Macroscopic worms	87169	558.9	__ Gastroenteritis
		564.1	__ Irritable Bowel
<b>PARASITOLOGY--DIRECT EXAM</b>			
	87211	564.0	__ Constipation
		787.91	__ Diarrhea
		558.9	__ Gastroenteritis
		564.1	__ Irritable Bowel

<b>GASTROINTESTINAL PROFILES</b>			
<b>COMPREHENSIVE DIGESTIVE STOOL ANALYSIS/ PARASITOLOGY (CDSA/P)</b>			
<b>Bacteriology, anaerobic</b>			
	87075	564.0	__ Constipation
		787.91	__ Diarrhea
		564.1	__ Irritable Bowel
		579.9	__ Malabsorption
<b>Bacteriology, aerobic</b>	87046	789	__ Abdominal pain/ Cramps
		720	__ Ankylosing spondylitis
		792.1	__ Blood or mucus in stool
		579.8	__ Carbohydrate intolerance
		555.1	__ Colitis
		564.0	__ Constipation
		555.9	__ Crohn's disease
		787.91	__ Diarrhea
		577	__ Diseases of pancreas (pancreatic insufficiency)
		536	__ Disorders of function of stomach (hypochlorhydria)
		780.6	__ Fever
		787.3	__ Flatulence/Bloating
		564.9	__ Functional digestive disorder
		558.9	__ Gastroenteritis
		555.0	__ Ileitis
		279.3	__ Immune deficiency

Profile Components	CPT	ICD-9	Condition
		009.0	__ Infection, intestinal
		271.3	__ Intestinal disaccharidase deficiencies
		564.1	__ Irritable Bowel
		579.9	__ Malabsorption
		787	__ Nausea
		716	__ Other and unspecified arthropathies
		787.9	__ Rectal tenesmus
		714	__ Rheumatoid arthritis
		579.8	__ Steatorrhea
Beta-Glucuronidase	84311	787.91	__ Diarrhea
		256	__ Hyperestrogenism
		239	__ Neoplasm, colon, unspecified
Cholesterol, Stool†	82715	574	__ Cholelithiasis
		555.9	__ Crohn's disease
		277	__ Cystic fibrosis
		269.1	__ Deficiency of other vitamins (E)
		272	__ Disorders of lipid metabolism
		579	__ Gluten enteropathy
		555.0	__ Ileitis
		009.0	__ Infection, intestinal
		564.1	__ Irritable Bowel
		579.9	__ Malabsorption
		558	__ Non-infectious gastroenteritis and colitis
		576	__ Other disorders of biliary tract
		007.9	__ Protozoa, unspecified
		579.8	__ Steatorrhea
		264	__ Vitamin A deficiency
		268	__ Vitamin D deficiency
		286.7	__ Vitamin K deficiency
Chymotrypsin, Stool	84311	577.8	__ pancreatic insufficiency
Cryptosporidium EIA	87328		
		789.0	__ Abdominal pain
		787.91	__ Diarrhea
Entamoeba histolytica EIA	87336		
		789.0	__ Abdominal pain
		787.91	__ Diarrhea
		792.1	__ Occult blood
Fecal Lactoferrin‡	86403	564.1	__ Irritable bowel
		787.91	__ Diarrhea
		555.1	__ Colitis
		555.9	__ Crohn's Disease
		007.1	__ Giardiasis
		009.0	__ Gastroenteritis
Giardia lamblia EIA	87328	789.0	__ Abdominal pain
		787.91	__ Diarrhea
		564.1	__ Irritable Bowel
		787.1	__ Nausea with vomiting
Long Chain Fatty Acids, Stool	82725	579	__ Malabsorption

≡ Components not offered separately  
 † Not currently available in New York  
 ‡ Not Reimbursable by Medicare

Profile Components	CPT	ICD-9	Condition
<b>CDSA/P, continued from previous page</b>			
Meat Fibers	89160	536.6	__Dyspepsia
		787.3	__Flatulence
		564.1	__Irritable Bowel
Occult Blood	82270	006.9	__Amebiasis, intestinal
		792.1	__Blood or mucus in stool
		579	__Celiac Disease
		555.1	__Colitis
		787.91	__Diarrhea
		562.11	__Diverticulitis
		555.0	__Ileitis
		009.0	__Infection, intestinal
		280.1	__Iron Deficiency Anemia
		280	__Iron deficiency anemia
		564.1	__Irritable Bowel
		579.9	__Malabsorption
		780.7	__Malaise
		153	__Malignant neoplasm of colon
		129.00	__Neoplasm, colon, unspecified
		007.80	__Protozoa, unspecified
		555.0	__Regional Enteritis, Small Intestine
		555.2	__Regional Enteritis, Small Intestine with Large Intestine
		556.0	__Ulcerative enterocolitis
		556.1	__Ulcerative ileocolitis
		556.2	__Ulcerative proctitis
		556.3	__Ulcerative proctosigmoiditis
Parasitology Identification, Concentrate=	87015	789	__Abdominal Pain/ Cramps
		006.9	__Amebiasis, Intestinal
		783	__Anorexia
		266.2	__B12 deficiency (Giardia)
		792.1	__Blood or mucus in stool
		555.1	__Colitis
		564.0	__Constipation
		555.9	__Crohn's disease
		787.91	__Diarrhea
		288.3	__Eosinophilia
		780.7	__Fatigue
		787.3	__Flatulence/Bloating
		558.9	__Gastroenteritis
		007.1	__Giardiasis
		555.0	__Ileitis
		279.3	__Immune deficiency
		271.3	__Intestinal disaccharidase deficiencies
		009.0	__Intestinal infection
		564.1	__Irritable bowel
		579.9	__Malabsorption
		127.4	__Pinworms
		007.80	__Protozoa, Unspecified
		698	__Pruritis
		698.1	__Pruritis ani

Profile Components	CPT	ICD-9	Condition
		579.8	__Steatorrhea
		708.9	__Urticaria
		364	__Uveitis
		783.2	__Weight loss
Parasitology Identification, Trichrome Stain=	88205	789	__Abdominal Pain/ Cramps
		006.9	__Amebiasis, Intestinal
		783	__Anorexia
		266.2	__B12 deficiency (Giardia)
		792.1	__Blood or mucus in stool
		555.1	__Colitis
		564.0	__Constipation
		555.9	__Crohn's disease
		787.91	__Diarrhea
		288.3	__Eosinophilia
		695.9	__Erythema (Strongyloides)
		780.7	__Fatigue
		787.3	__Flatulence/Bloating
		558.9	__Gastroenteritis
		007.1	__Giardiasis
		555.0	__Ileitis
		279.3	__Immune deficiency
		271.3	__Intestinal disaccharidase deficiencies
		009.0	__Intestinal infection
		564.1	__Irritable bowel
		579.9	__Malabsorption
		127.4	__Pinworms
		007.80	__Protozoa, Unspecified
		698	__Pruritis
		698.1	__Pruritis ani
		579.8	__Steatorrhea
		708.9	__Urticaria
		364	__Uveitis
		783.2	__Weight loss
pH, Stool	83986	112.9	__Candidiasis, intestinal
		555.1	__Colitis
		V12.72	__Colonic polyps
		564.0	__Constipation
		787.91	__Diarrhea
		536	__Disorders of function of stomach (hypochlorhydria)
		557.0	__Enterocolitis
		787.3	__Flatulence/Bloating
		270.6	__Hyperammonemia
		009.0	__Infection, intestinal
		564.1	__Irritable Bowel
		239	__Neoplasm, colon, unspecified
Short Chain Fatty Acids, Stool+	82492	564.0	__Constipation
		787.91	__Diarrhea
		579.9	__Intestinal Malabsorption
		564.1	__Irritable Bowel
		579.9	__Malabsorption
Triglycerides, Stool	82710	577.1	__Chronic Pancreatitis
		564.0	__Constipation

Profile Components	CPT	ICD-9	Condition
Yeast Culture	87102	787.91	Diarrhea
		564.1	Irritable Bowel
		579.9	Malabsorption
		112.9	Candidiasis, intestinal
		555.1	Colitis
		V12.72	Colonic polyps
		564.0	Constipation
		787.91	Diarrhea
		536	Disorders of function of stomach (hypochlorhydria)
		270.6	Hyperammonemia
		009.0	Infection, intestinal
		564.1	Irritable Bowel
		579.9	Malabsorption
		239	Neoplasm, colon, unspecified

### COMPREHENSIVE DIGESTIVE STOOL ANALYSIS

Bacteriology, anaerobic			
Bacteriology, aerobic	87046	87075	564.0 Constipation
		787.91	Diarrhea
		564.1	Irritable Bowel
		579.9	Malabsorption
		789	Abdominal pain/ Cramps
		720	Ankylosing spondylitis
		792.1	Blood or mucus in stool
		579.8	Carbohydrate intolerance
		555.1	Colitis
		564.0	Constipation
		555.9	Crohn's disease
		787.91	Diarrhea
		577	Diseases of pancreas (pancreatic insufficiency)
		536	Disorders of function of stomach (hypochlorhydria)
780.6	Fever		
787.3	Flatulence/Bloating		
564.9	Functional digestive disorder		
558.9	Gastroenteritis		
555.0	Ileitis		
279.3	Immune deficiency		
009.0	Infection, intestinal		
271.3	Intestinal disaccharidase deficiencies		
564.1	Irritable Bowel		
579.9	Malabsorption		
787	Nausea		
716	Other and unspecified arthropathies		
787.9	Rectal tenesmus		
714	Rheumatoid arthritis		
579.8	Steatorrhea		
Beta-Glucuronidase	84311	787.91	Diarrhea
		256	Hyperestrogenism
		239	Neoplasm, colon, unspecified
Cholesterol, Stool†	82715	574	Cholelithiasis

Profile Components	CPT	ICD-9	Condition
Chymotrypsin, Stool	84311	555.9	Crohn's disease
		277	Cystic fibrosis
		269.1	Deficiency of other vitamins (E)
		272	Disorders of lipid metabolism
		579	Gluten enteropathy
		555.0	Ileitis
		009.0	Infection, intestinal
		564.1	Irritable Bowel
		579.9	Malabsorption
		558	Non-infectious gastroenteritis and colitis
		576	Other disorders of biliary tract
		007.9	Protozoa, unspecified
		579.8	Steatorrhea
		264	Vitamin A deficiency
268	Vitamin D deficiency		
286.7	Vitamin K deficiency		
Fecal Lactoferrin†	86403	577.8	pancreatic insufficiency
		564.1	Irritable bowel
		787.91	Diarrhea
		555.1	Colitis
		555.9	Crohn's Disease
		007.1	Giardiasis
		009.0	Gastroenteritis
Long Chain Fatty Acids, Stool	82725	579	Malabsorption
Meat Fibers	89160	536.8	Dyspepsia
		787.3	Flatulence
		564.1	Irritable Bowel
Occult Blood	82270	006.9	Amebiasis, intestinal
		792.1	Blood or mucus in stool
		579	Celiac Disease
		555.1	Colitis
		787.91	Diarrhea
		562.11	Diverticulitis
		555.0	Ileitis
		009.0	Infection, intestinal
		280	Iron deficiency anemia
		564.1	Irritable Bowel
		579.9	Malabsorption
		780.7	Malaise
		153	Malignant neoplasm of colon
		129.00	Neoplasm, colon, unspecified
		007.80	Protozoa, unspecified
		555.0	Regional Enteritis, Small Intestine
		555.2	Regional Enteritis, Small Intestine with Large Intestine
		556.0	Ulcerative enterocolitis
		556.1	Ulcerative ileocolitis
		556.2	Ulcerative proctitis
		556.3	Ulcerative proctosigmoiditis
pH, Stool	83986	112.9	Candidiasis, intestinal
		555.1	Colitis
		V12.72	Colonic polyps

≡ Components not offered separately  
† Not currently available in New York  
‡ Not Reimbursable by Medicare

Profile Components CPT ICD-9 Condition

**CDSA, continued from previous page**

564.0 \_\_\_ Constipation  
 787.91 \_\_\_ Diarrhea  
 536 \_\_\_ Disorders of function of stomach (hypochlorhydria)  
 557.0 \_\_\_ Enterocolitis  
 787.3 \_\_\_ Flatulence/Bloating  
 270.6 \_\_\_ Hyperammonemia  
 009.0 \_\_\_ Infection, intestinal  
 564.1 \_\_\_ Irritable Bowel  
 239 \_\_\_ Neoplasm, colon, unspecified

Short Chain Fatty Acids, Stool†

82492 564.0 \_\_\_ Constipation  
 787.91 \_\_\_ Diarrhea  
 579.9 \_\_\_ Intestinal Malabsorption  
 564.1 \_\_\_ Irritable Bowel  
 579.9 \_\_\_ Malabsorption

Triglycerides, Stool

82710 577.1 \_\_\_ Chronic Pancreatitis  
 564.0 \_\_\_ Constipation  
 787.91 \_\_\_ Diarrhea  
 564.1 \_\_\_ Irritable Bowel  
 579.9 \_\_\_ Malabsorption

Yeast Culture

87102 112.9 \_\_\_ Candidiasis, intestinal  
 555.1 \_\_\_ Colitis  
 V12.72 \_\_\_ Colonic polyps  
 564.0 \_\_\_ Constipation  
 787.91 \_\_\_ Diarrhea  
 536 \_\_\_ Disorders of function of stomach (hypochlorhydria)  
 270.6 \_\_\_ Hyperammonemia  
 009.0 \_\_\_ Infection, intestinal  
 564.1 \_\_\_ Irritable Bowel  
 579.9 \_\_\_ Malabsorption  
 239 \_\_\_ Neoplasm, colon, unspecified

**MICROBIOLOGY ANALYSIS**

Bacteriology, anaerobic

87075 564.1 \_\_\_ Irritable Bowel  
 564.0 \_\_\_ Constipation  
 787.91 \_\_\_ Diarrhea  
 579.9 \_\_\_ Malabsorption

Bacteriology, aerobic

87046 789 \_\_\_ Abdominal pain/ Cramps  
 720 \_\_\_ Ankylosing spondylitis  
 792.1 \_\_\_ Blood or mucus in stool  
 579.8 \_\_\_ Carbohydrate intolerance  
 555.1 \_\_\_ Colitis  
 564.0 \_\_\_ Constipation  
 555.9 \_\_\_ Crohn's disease  
 787.91 \_\_\_ Diarrhea  
 577 \_\_\_ Diseases of pancreas (pancreatic insufficiency)  
 536 \_\_\_ Disorders of function of stomach (hypochlorhydria)

Profile Components CPT ICD-9 Condition

780.6 \_\_\_ Fever  
 787.3 \_\_\_ Flatulence/Bloating  
 564.9 \_\_\_ Functional digestive disorder  
 558.9 \_\_\_ Gastroenteritis  
 555.0 \_\_\_ Ileitis  
 279.3 \_\_\_ Immune deficiency  
 009.0 \_\_\_ Infection, intestinal  
 271.3 \_\_\_ Intestinal disaccharidase deficiencies  
 564.1 \_\_\_ Irritable Bowel  
 579.9 \_\_\_ Malabsorption  
 787 \_\_\_ Nausea  
 716 \_\_\_ Other and unspecified arthropathies  
 787.9 \_\_\_ Rectal tenesmus  
 714 \_\_\_ Rheumatoid arthritis  
 579.8 \_\_\_ Steatorrhea  
 112.9 \_\_\_ Candidiasis, intestinal  
 555.1 \_\_\_ Colitis  
 V12.72 \_\_\_ Colonic polyps  
 564.0 \_\_\_ Constipation  
 787.91 \_\_\_ Diarrhea  
 536 \_\_\_ Disorders of function of stomach (hypochlorhydria)  
 270.6 \_\_\_ Hyperammonemia  
 009.0 \_\_\_ Infection, intestinal  
 564.1 \_\_\_ Irritable Bowel  
 579.9 \_\_\_ Malabsorption  
 239 \_\_\_ Neoplasm, colon, unspecified

Yeast Culture

87102

**BACTERIOLOGY CULTURE**

Bacteriology, anaerobic

87075 564.1 \_\_\_ Irritable Bowel  
 564.0 \_\_\_ Constipation  
 787.91 \_\_\_ Diarrhea  
 579.9 \_\_\_ Malabsorption

Bacteriology, aerobic

87046 789 \_\_\_ Abdominal pain/ Cramps  
 720 \_\_\_ Ankylosing spondylitis  
 792.1 \_\_\_ Blood or mucus in stool  
 579.8 \_\_\_ Carbohydrate intolerance  
 555.1 \_\_\_ Colitis  
 564.0 \_\_\_ Constipation  
 555.9 \_\_\_ Crohn's disease  
 787.91 \_\_\_ Diarrhea  
 577 \_\_\_ Diseases of pancreas (pancreatic insufficiency)  
 536 \_\_\_ Disorders of function of stomach (hypochlorhydria)  
 780.6 \_\_\_ Fever  
 787.3 \_\_\_ Flatulence/Bloating  
 564.9 \_\_\_ Functional digestive disorder  
 558.9 \_\_\_ Gastroenteritis  
 555.0 \_\_\_ Ileitis  
 279.3 \_\_\_ Immune deficiency  
 009.0 \_\_\_ Infection, intestinal

Profile Components	CPT	ICD-9	Condition
		271.3	___ Intestinal disaccharidase deficiencies
		564.1	___ Irritable Bowel
		579.9	___ Malabsorption
		787	___ Nausea
		716	___ Other and unspecified arthropathies
		787.9	___ Rectal tenesmus
		714	___ Rheumatoid arthritis
		579.8	___ Steatorrhea

#### YEAST CULTURE

KOH Prep	87220	112.85	___
Yeast Culture	87102	112.9	___ Candidiasis, intestinal
		555.1	___ Colitis
		V12.72	___ Colonic polyps
		564.0	___ Constipation
		787.91	___ Diarrhea
		536	___ Disorders of function of stomach (hypochlorhydria)
		270.6	___ Hyperammonemia
		009.0	___ Infection, intestinal
		564.1	___ Irritable Bowel
		579.9	___ Malabsorption
		239	___ Neoplasm, colon, unspecified

#### CANDIDA INTENSIVE CULTURE†

Candida Antibody, IgG			
	86628	112.85	___ Candidal Enteritis
KOH Prep	87220	112.85	___ Candidal Enteritis
Yeast Culture	87102	789	___ Abdominal pain/ Cramps
		112.85	___ Candidiasis, Intestinal
		112.5	___ Candidiasis, Systemic
		112.9	___ Candidiasis, Unspecified
		579.8	___ Carbohydrate intolerance
		564.0	___ Constipation
		250	___ Diabetes mellitus
		787.91	___ Diarrhea
		780.7	___ Fatigue
		787.3	___ Flatulence/Bloating
		279.3	___ Immune deficiency
		564.1	___ Irritable bowel
		698.1	___ Pruritis ani
		112	___ Thrush
		616.1	___ Vaginitis
		112.9	___ Yeast Infection

#### VAGINOSIS PROFILE

Bacteriology, aerobic	87046	616.1	___ Vaginitis
Candida (DNA)	87480	112.1	___ Vaginitis
Gardnerella†	87510		
Gram Stain (Vaginal)	87205	616.1	___ Vaginitis
Inchomonas†	87797	616.1	___ Vaginitis
		131	___ Trichomoniasis
Wet Mount (Vaginal)	87210	616.1	___ Vaginitis
Yeast Culture		616.1	___ Vaginitis

= Components not offered separately  
 † Not currently available in New York  
 ‡ Not Reimbursable by Medicare

Profile Components	CPT	ICD-9	Condition
--------------------	-----	-------	-----------

#### COMPREHENSIVE PARASITOLOGY PROFILE (CP)

Bacteriology, anaerobic			
	87075	564.1	___ Irritable Bowel
		564.0	___ Constipation
		787.91	___ Diarrhea
		579.9	___ Malabsorption
Bacteriology, aerobic	87046	789	___ Abdominal pain, Cramps
		720	___ Ankylosing spondylitis
		792.1	___ Blood or mucus in stool
		579.8	___ Carbohydrate intolerance
		555.1	___ Colitis
		564.0	___ Constipation
		555.9	___ Crohn's disease
		787.91	___ Diarrhea
		577	___ Diseases of pancreas (pancreatic insufficiency)
		536	___ Disorders of function of stomach (hypochlorhydria)
		780.6	___ Fever
		787.3	___ Flatulence/Bloating
		564.9	___ Functional digestive disorder
		558.9	___ Gastroenteritis
		555.0	___ Ileitis
		279.3	___ Immune deficiency
		009.0	___ Infection, intestinal
		271.3	___ Intestinal disaccharidase deficiencies
		564.1	___ Irritable Bowel
		579.9	___ Malabsorption
		787	___ Nausea
		716	___ Other and unspecified arthropathies
		787.9	___ Rectal tenesmus
		714	___ Rheumatoid arthritis
		579.8	___ Steatorrhea
Cryptosporidium EIA	87328		
		789.0	___ Abdominal pain
		787.91	___ Diarrhea
Entamoeba histolytica EIA			
	87336	789.0	___ Abdominal pain
		787.91	___ Diarrhea
		792.1	___ Occult blood
Giardia lamblia EIA	87328		
		789.0	___ Abdominal pain
		787.91	___ Diarrhea
		564.1	___ Irritable Bowel
		787.1	___ Nausea with vomiting
Parasitology Identification, Concentrate=			
	87015	789	___ Abdominal Pain/ Cramps
		006.9	___ Amebiasis, Intestinal
		783	___ Anorexia
		266.2	___ B12 deficiency (Giardia)
		792.1	___ Blood or mucus in stool
		555.1	___ Colitis
		564.0	___ Constipation

Profile Components CPT ICD-9 Condition

CP, continued from previous page

		555.9	__ Crohn's disease
		787.91	__ Diarrhea
		288.3	__ Eosinophilia
		780.7	__ Fatigue
		787.3	__ Flatulence/Bloating
		558.9	__ Gastroenteritis
		007.1	__ Giardiasis
		555.0	__ Ileitis
		279.3	__ Immune deficiency
		271.3	__ Intestinal disaccharidase deficiencies
		009.0	__ Intestinal infection
		564.1	__ Irritable bowel
		579.9	__ Malabsorption
		127.4	__ Pinworms
		007.80	__ Protozoa, Unspecified
		698	__ Pruritis
		698.1	__ Pruritis ani
		579.8	__ Steatorrhea
		708.9	__ Urticaria
		364	__ Uveitis
		783.2	__ Weight loss
Parasitology Identification, Trichrome Stain			
	88205	789	__ Abdominal Pain/ Cramps
		006.9	__ Amebiasis, Intestinal
		783	__ Anorexia
		266.2	__ B12 deficiency (Giardia)
		792.1	__ Blood or mucus in stool
		555.1	__ Colitis
		564.0	__ Constipation
		555.9	__ Crohn's disease
		787.91	__ Diarrhea
		288.3	__ Eosinophilia
		695.9	__ Erythema (Strongyloides)
		780.7	__ Fatigue
		787.3	__ Flatulence/Bloating
		558.9	__ Gastroenteritis
		007.1	__ Giardiasis
		555.0	__ Ileitis
		279.3	__ Immune deficiency
		271.3	__ Intestinal disaccharidase deficiencies
		009.0	__ Intestinal infection
		564.1	__ Irritable bowel
		579.9	__ Malabsorption
		127.4	__ Pinworms
		007.80	__ Protozoa, Unspecified
		698	__ Pruritis
		698.1	__ Pruritis ani
		579.8	__ Steatorrhea
		708.9	__ Urticaria
		364	__ Uveitis
		783.2	__ Weight loss
Yeast Culture	87102	112.9	__ Candidiasis, intestinal
		555.1	__ Colitis
		V12.72	__ Colonic polyps

Profile Components CPT ICD-9 Condition

		564.0	__ Constipation
		787.91	__ Diarrhea
		536	__ Disorders of function of stomach (hypochlorhydria)
		270.6	__ Hyperammonemia
		009.0	__ Infection, intestinal
		564.1	__ Irritable Bowel
		579.9	__ Malabsorption
		239	__ Neoplasm, colon, unspecified

PARASITOLOGY

Parasitology Identification, Concentrate

	87015	789	__ Abdominal Pain/ Cramps
		006.9	__ Amebiasis, Intestinal
		783	__ Anorexia
		266.2	__ B12 deficiency (Giardia)
		792.1	__ Blood or mucus in stool
		555.1	__ Colitis
		564.0	__ Constipation
		555.9	__ Crohn's disease
		787.91	__ Diarrhea
		288.3	__ Eosinophilia
		780.7	__ Fatigue
		787.3	__ Flatulence/Bloating
		558.9	__ Gastroenteritis
		007.1	__ Giardiasis
		555.0	__ Ileitis
		279.3	__ Immune deficiency
		271.3	__ Intestinal disaccharidase deficiencies
		009.0	__ Intestinal infection
		564.1	__ Irritable bowel
		579.9	__ Malabsorption
		127.4	__ Pinworms
		007.80	__ Protozoa, Unspecified
		698	__ Pruritis
		698.1	__ Pruritis ani
		579.8	__ Steatorrhea
		708.9	__ Urticaria
		364	__ Uveitis
		783.2	__ Weight loss

Parasitology Identification, Trichrome Stain

	88205	789	__ Abdominal Pain/ Cramps
		006.9	__ Amebiasis, Intestinal
		783	__ Anorexia
		266.2	__ B12 deficiency (Giardia)
		792.1	__ Blood or mucus in stool
		555.1	__ Colitis
		564.0	__ Constipation
		555.9	__ Crohn's disease
		787.91	__ Diarrhea
		288.3	__ Eosinophilia
		695.9	__ Erythema (Strongyloides)
		780.7	__ Fatigue

Profile Components	CPT	ICD-9	Condition
		787.3	Flatulence/Bloating
		558.9	Gastroenteritis
		007.1	Giardiasis
		555.0	Ileitis
		279.3	Immune deficiency
		271.3	Intestinal disaccharidase deficiencies
		009.0	Intestinal infection
		564.1	Irritable bowel
		579.9	Malabsorption
		127.4	Pinworms
		007.80	Protozoa, Unspecified
		698	Pruritis
		698.1	Pruritis ani
		579.8	Steatorrhea
		708.9	Urticaria
		364	Uveitis
		783.2	Weight loss

### DIGESTIVE FUNCTION

Cholesterol, Stool†	82715	574	Cholelithiasis
		555.9	Crohn's disease
		277	Cystic fibrosis
		269.1	Deficiency of other vitamins (E)
		272	Disorders of lipid metabolism
		579	Gluten enteropathy
		555.0	Ileitis
		009.0	Infection, intestinal
		564.1	Irritable Bowel
		579.9	Malabsorption
		558	Non-infectious gastroenteritis and colitis
		576	Other disorders of biliary tract
		007.9	Protozoa, unspecified
		579.8	Steatorrhea
		264	Vitamin A deficiency
		268	Vitamin D deficiency
		286.7	Vitamin K deficiency
Chymotrypsin, Stool	84311	577.8	Pancreatic insufficiency
Long Chain Fatty Acids, Stool	82725	579	Malabsorption
Meat Fibers	89160	536.8	Dyspepsia
		787.3	Flatulence
		564.1	Irritable Bowel
Occult Blood	82270	006.9	Amebiasis, intestinal
		792.1	Blood or mucus in stool
		579	Celiac Disease
		555.1	Colitis
		787.91	Diarrhea
		562.11	Diverticulitis
		555.0	Ileitis
		009.0	Infection, intestinal
		280.1	Iron Deficiency Anemia
		280	Iron deficiency anemia
		564.1	Irritable Bowel
		579.9	Malabsorption
		780.7	Malaise

† Components not offered separately  
 ‡ Not currently available in New York  
 ~ Not Reimbursable by Medicare

Profile Components	CPT	ICD-9	Condition
		153	Malignant neoplasm of colon
		129.00	Neoplasm, colon, unspecified
		007.80	Protozoa, unspecified
		555.0	Regional Enteritis, Small Intestine
		555.2	Regional Enteritis, Small Intestine with Large Intestine
		556.0	Ulcerative enterocolitis
		556.1	Ulcerative ileocolitis
		556.2	Ulcerative proctitis
		556.3	Ulcerative proctosigmoiditis
pH, Stool	83986	112.9	Candidiasis, intestinal
		555.1	Colitis
		V12.72	Colonic polyps
		564.0	Constipation
		787.91	Diarrhea
		536	Disorders of function of stomach (hypochlorhydria)
		557.0	Enterocolitis
		787.3	Flatulence/Bloating
		270.6	Hyperammonemia
		009.0	Infection, intestinal
		564.1	Irritable Bowel
		239	Neoplasm, colon, unspecified

### Short Chain Fatty Acids, Stool†

	82492	564.0	Constipation
		787.91	Diarrhea
		579.9	Intestinal Malabsorption
		564.1	Irritable Bowel
		579.9	Malabsorption
Triglycerides, Stool	82710	577.1	Chronic Pancreatitis
		564.0	Constipation
		787.91	Diarrhea
		564.1	Irritable Bowel
		579.9	Malabsorption

### INTESTINAL PERMEABILITY ASSESSMENT

Intestinal Permeability	84378 x 2	579.0	Celiac sprue
		555.1	Colitis
		555.9	Crohn's disease
		555.0	Ileitis
		579.9	Malabsorption

### GUT MUCOSAL ASSESSMENT~

Bacteroides fragilis serum antibodies, IgG	86256	787.91	Diarrhea
Bacteroides fragilis serum antibodies, IgM	86256	787.91	Diarrhea
Candida serum antibodies, IgG	86628	112	Candidiasis
Candida serum antibodies, IgM	86628	112	Candidiasis
Clostridium perfringens serum antibodies, IgG	86256	787.91	Diarrhea
Clostridium perfringens serum antibodies, IgM	86256	787.91	Diarrhea



Profile Components CPT ICD-9 Condition

**GUT MUCOSAL ASSESSMENT, continued from previous page**

Enterococcus serum antibodies, IgG  
86256 787.91 \_\_Diarrhea  
Enterococcus serum antibodies, IgM  
86256 787.91 \_\_Diarrhea  
Escherichia coli serum antibodies, IgG  
86256 787.91 \_\_Diarrhea  
Escherichia coli serum antibodies, IgM  
86256 787.91 \_\_Diarrhea  
Lactobacillus serum antibodies, IgG  
86256 \_\_\_\_\_  
Lactobacillus serum antibodies, IgM  
86256 \_\_\_\_\_

**ANTI-CANDIDA ANTIBODY†**

Candida Antibody, IgA  
86628 112 \_\_Candidiasis  
Candida Antibody, IgG  
86628 112 \_\_Candidiasis  
Candida Antibody, IgM  
86628 112 \_\_Candidiasis  
Candida Antigen  
87449 112 \_\_Candidiasis  
Candida Immune Complex  
86332 112 \_\_Candidiasis

**CANDIDA ANTIBODY IGG**

86628 112.9 \_\_Candidiasis

**ANTI-GLIADIN ANTIBODY ASSAY**

83520 579.0 \_\_Celiac disease  
579.0 \_\_Gluten enteropathy  
579 \_\_Intestinal malabsorption

**HELICOBACTER PYLORI ANTIBODY ASSAY**

86677 530.1 \_\_Esophageal reflux  
533 \_\_Peptic ulcer

**IMMUNE**

**COMPREHENSIVE ANTIBODY ASSESSMENT†≈**

88 Combined or Vegetarian Foods, IgE  
86003 x 88 995.3 \_\_Allergy, food  
493.9 \_\_Asthma/bronchitis, allergic  
693.1 \_\_Dermatitis due to Food allergy  
535.4 \_\_Gastritis,allergic  
696.1 \_\_Psoriasis  
477.8 \_\_Rhinitis, allergic  
477.9 \_\_Sinusitis, allergic  
88 Combined or Vegetarian Foods, IgG  
83520 x 88 995.3 \_\_Allergy, food  
493.9 \_\_Asthma/bronchitis, allergic  
693.1 \_\_Dermatitis due to Food allergy  
535.4 \_\_Gastritis,allergic  
696.1 \_\_Psoriasis  
477.8 \_\_Rhinitis, allergic  
477.9 \_\_Sinusitis, allergic

Profile Components CPT ICD-9 Condition

36 Inhalants, IgE  
86003 x 36 477.8 \_\_Allergy, airborne substance  
493.9 \_\_Asthma/bronchitis, allergic  
477.8 \_\_Rhinitis, allergic  
477.9 \_\_Sinusitis, allergic

**FOOD ANTIBODY ASSESSMENT†≈**

88 Combined or Vegetarian Foods, IgE  
86003 x 88 995.3 \_\_Allergy, food  
493.9 \_\_Asthma/bronchitis, allergic  
693.1 \_\_Dermatitis due to Food allergy  
535.4 \_\_Gastritis,allergic  
696.1 \_\_Psoriasis  
477.8 \_\_Rhinitis, allergic  
477.9 \_\_Sinusitis, allergic  
88 Combined or Vegetarian Foods, IgG  
83520 x 88 995.3 \_\_Allergy, food  
493.9 \_\_Asthma/bronchitis, allergic  
693.1 \_\_Dermatitis due to Food allergy  
535.4 \_\_Gastritis,allergic  
696.1 \_\_Psoriasis  
477.8 \_\_Rhinitis, allergic  
477.9 \_\_Sinusitis, allergic

**INHALANTS PROFILE†≈**

6 Inhalants, IgE 86003 x 36 477.8 \_\_Allergy, airborne substance  
493.9 \_\_Asthma/bronchitis, allergic  
477.8 \_\_Rhinitis, allergic  
477.9 \_\_Sinusitis, allergic

**24 SPICE PROFILE†≈**

24 Spices, IgE 86003 x 24 693.1 \_\_Allergy, food ingested  
493.9 \_\_Asthma/bronchitis, allergic  
693.1 \_\_Dermatitis due to Food allergy  
535.4 \_\_Gastritis,allergic  
696.1 \_\_Psoriasis  
477.8 \_\_Rhinitis, allergic  
477.9 \_\_Sinusitis, allergic  
24 Spices, IgG 83520 x 24 693.1 \_\_Allergy, food ingested  
493.9 \_\_Asthma/bronchitis, allergic  
693.1 \_\_Dermatitis due to Food allergy  
535.4 \_\_Gastritis,allergic  
696.1 \_\_Psoriasis  
477.8 \_\_Rhinitis, allergic  
477.9 \_\_Sinusitis, allergic

**ANTI-CHEMICAL ANTIBODIES PROFILE†≈**

Benzene Ring antibodies, IgE  
86256 E980.9 \_\_Chemical sensitivity  
Benzene Ring antibodies, IgG  
86256 E980.9 \_\_Chemical sensitivity

Profile Components	CPT	ICD-9	Condition
Benzene Ring antibodies, IgM	86256	E980.9	___Chemical sensitivity
Formaldehyde antibodies, IgE	86256	E980.9	___Chemical sensitivity
Formaldehyde antibodies, IgG	86256	E980.9	___Chemical sensitivity
Formaldehyde antibodies, IgM	86256	E980.9	___Chemical sensitivity
Isocyanate antibodies, IgE	86256	E980.9	___Chemical sensitivity
Isocyanate antibodies, IgG	86256	E980.9	___Chemical sensitivity
Isocyanate antibodies, IgM	86256	E980.9	___Chemical sensitivity
Phthalic Anhydride antibodies, IgE	86256	E980.9	___Chemical sensitivity
Phthalic Anhydride antibodies, IgG	86256	E980.9	___Chemical sensitivity
Phthalic Anhydride antibodies, IgM	86256	E980.9	___Chemical sensitivity
Trimellitic Anhydride antibodies, IgE	86256	E980.9	___Chemical sensitivity
Trimellitic Anhydride antibodies, IgG	86256	E980.9	___Chemical sensitivity
Trimellitic Anhydride antibodies, IgM	82784	E980.9	___Chemical sensitivity

**NEUROPHYSIOLOGICAL**

**ELEMENTAL ANALYSIS (EA), HAIR<sup>†</sup>**

Aluminum	82108	985	___Toxic effects of metals
Boron		269.3	___Mineral deficiency
Cadmium	82300	985.5	___Toxic effects of cadmium
Calcium	82130	269.3	___Mineral deficiency
Chromium		269.3	___Mineral deficiency
Cobalt		269.3	___Mineral deficiency
Copper	82525	269.3	___Mineral deficiency
Heavy Metals			
Antimony	83015	985.4	___Toxic effects of antimony
Arsenic		985.1	___Toxic effects of arsenic
Barium		985	___Toxic effects of metals
Bismuth		985	___Toxic effects of metals
Mercury		985.0	___Toxic effects of mercury
		593.9	___Renal insufficiency
Iodine		269.3	___Mineral deficiency
Iron		269.3	___Mineral deficiency
Lead	83655	285.9	___Anemia
		355.9	___Neuropathy
		984	___Toxic effects of lead
Lithium		269.3	___Mineral deficiency
Magnesium	83735	985	___Toxic effects of metals
Manganese	83785	269.3	___Mineral deficiency
Molybdenum		269.3	___Mineral deficiency
Nickel	83885	985	___Toxic effects of metals
Phosphorus		269.3	___Mineral deficiency
Potassium		269.3	___Mineral deficiency
Rubidium		985	___Toxic effects of metals
Selenium	84255	269.3	___Mineral deficiency
Sodium		985	___Toxic effects of metals
Strontium		985	___Toxic effects of metals
Sulfur		269.3	___Mineral deficiency
Thallium		985	___Toxic effects of metals

~ Components not offered separately  
 † Not currently available in New York  
 ~ Not Reimbursable by Medicare

Profile Components	CPT	ICD-9	Condition
Tin		985	___Toxic effects of metals
Titanium		985	___Toxic effects of metals
Uranium		985	___Toxic effects of metals
Vanadium		269.3	___Mineral deficiency
Zinc	84630	269.3	___Mineral deficiency
<b>TOXIC ELEMENT EXPOSURE PROFILE<sup>~</sup></b>			
Aluminum	82108	985	___Toxic effects of metals
Cadmium	82300	985.5	___Toxic effects of cadmium
Copper	82525	269.3	___Mineral deficiency
Germanium		985	___Toxic effects of metals
Gallium		985	___Toxic effects of metals
Heavy Metals			
Antimony	83015	985.4	___Toxic effects of antimony
Arsenic		985.1	___Toxic effects of arsenic
Barium		985	___Toxic effects of metals
Bismuth		985	___Toxic effects of metals
Mercury		985.0	___Toxic effects of mercury
		593.9	___Renal insufficiency
Lead	83655	285.9	___Anemia
		355.9	___Neuropathy
		984	___Toxic effects of lead
Nickel	83885	985	___Toxic effects of metals
Paladium		985	___Toxic effects of metals
Platinum		985	___Toxic effects of metals
Tellurium			
Thallium		985	___Toxic effects of metals
Thorium			
Tin		985	___Toxic effects of metals
Tungsten			
Uranium		985	___Toxic effects of metals

**ELEMENTAL ANALYSIS, URINE**

Aluminum	82108	985	___Toxic effects of metals
Cadmium	82300	985	___Toxic effects of metals
Calcium	82340	269.3	___Mineral deficiency
Copper	82525	269.3	___Mineral deficiency
Heavy Metals			
Antimony		985	___Toxic effects of metals
Arsenic		985	___Toxic effects of metals
Mercury		593.9	___Renal insufficiency
		985	___Toxic effects of metals
Lead	83655	285.9	___Anemia
		355.9	___Neuropathy
		984	___Toxic effects of lead
Magnesium	83735	269.3	___Mineral deficiency
Manganese	83785	269.3	___Mineral deficiency
Molybdenum <sup>~</sup>		269.3	___Mineral deficiency
Nickel	83885	985	___Toxic effects of metals
Selenium	84255	269.3	___Mineral deficiency
Sulfur <sup>~</sup>		269.3	___Mineral deficiency
Thallium <sup>~</sup>		985	___Toxic effects of metals
Tin <sup>~</sup>		985	___Toxic effects of metals
Uranium <sup>~</sup>		985	___Toxic effects of metals
Zinc		269.3	___Mineral deficiency
	84630	985	___Toxic effects of metals

**ELEMENTAL ANALYSIS, URINE, TOXIC ELEMENTS**

Aluminum	82108	985	___Toxic effects of metals
Cadmium	82300	985	___Toxic effects of metals
Heavy Metals			
Antimony	83015	985	___Toxic effects of metals

**EA, URINE, TOXIC ELEMENTS, *continued from previous page***

Arsenic		985	___ Toxic effects of metals
Mercury		985.0	___ Toxic effects of mercury
		593.9	___ Renal insufficiency
Lead	83655	985	___ Toxic effects of metals
Nickel	83885	985	___ Toxic effects of metals
Tin <sup>≈</sup>	83885	985	___ Toxic effects of metals
Uranium <sup>≈</sup>		985	___ Toxic effects of metals

**ELEMENTAL ANALYSIS, URINE, PROVOCATIVE CHALLENGE**

Aluminum x 2	82108 x 2	985	___ Toxic effects of metals
Cadmium x 2	82300 x 2	985	___ Toxic effects of metals
Calcium x 2	82340 x 2	269.3	___ Mineral deficiency
Copper x 2	82525 x 2	269.3	___ Mineral deficiency
Heavy Metals x 2	83015 x 2		
Antimony		985	___ Toxic effects of metals
Arsenic		985	___ Toxic effects of metals
Mercury		985.0	___ Toxic effects of mercury
		593.9	___ Renal insufficiency
Lead x 2	83655 x 2	285.9	___ Anemia
		355.9	___ Neuropathy
		984	___ Toxic effects of lead
Magnesium x 2	83735 x 2	269.3	___ Mineral deficiency
Manganese x 2	83785 x 2	269.3	___ Mineral deficiency
Molybdenum x 2 <sup>≈</sup>		269.3	___ Mineral deficiency
Nickel x 2	83885 x 2	985	___ Toxic effects of metals
Selenium x 2	84255 x 2	269.3	___ Mineral deficiency
Sulfur x 2 <sup>≈</sup>		269.3	___ Mineral deficiency
Thallium x 2 <sup>≈</sup>		985	___ Toxic effects of metals
Tin x 2 <sup>≈</sup>		985	___ Toxic effects of metals
Uranium x 2 <sup>≈</sup>		985	___ Toxic effects of metals
Zinc x 2	84630 x 2		

**ELEMENTAL ANALYSIS, PACKED ERYTHROCYTES**

Cadmium	82300	985	___ Toxic effects of metals
Copper	82525	269.3	___ Mineral deficiency
Heavy Metals	83015		
Antimony		985	___ Toxic effects of metals
Mercury		985.0	___ Toxic effects of mercury
		593.9	___ Renal insufficiency
Lead <sup>-</sup>	83655	285.9	___ Anemia
		355.9	___ Neuropathy
		984	___ Toxic effects of lead
Magnesium	83735	269.3	___ Mineral deficiency
Manganese	83785	269.3	___ Mineral deficiency
Molybdenum <sup>≈</sup>		269.3	___ Mineral deficiency
Potassium	84132	269.3	___ Mineral deficiency
Selenium	84255	269.3	___ Mineral deficiency
Silver <sup>≈</sup>		985	___ Toxic effects of metals
Thallium <sup>≈</sup>		985	___ Toxic effects of metals
Tin <sup>≈</sup>		985	___ Toxic effects of metals
Vanadium <sup>≈</sup>		269.3	___ Mineral deficiency
Zinc	84630	269.3	___ Mineral deficiency

**AMINO ACIDS ANALYSIS, URINE<sup>≈</sup>**

	82139	270.2	___ Aromatic Amino Acid Disturbances
		493	___ Asthma
		440	___ Atherosclerosis
		270.3	___ Branched Chain Amino Acid Disturbances

259.2	___ Carcinoid syndrome
425.4	___ Cardiomyopathy
366	___ Cataract
574	___ Cholelithiasis
585	___ Chronic renal failure
707	___ Chronic skin ulcer (poor wound healing)
555.1	___ Colitis
428	___ Congestive heart failure
555.9	___ Crohn's disease
277	___ Cystic fibrosis
266	___ Deficiencies of B vitamins
315	___ Delays in development
311	___ Depressive disorder
250	___ Diabetes mellitus
787.91	___ Diarrhea
577	___ Diseases of pancreas
255	___ Disorders of adrenal glands
276	___ Disorders of fluid, electrolyte, and acid-base balance
536	___ Disorders of function of stomach (hypochlorhydria)
272	___ Disorders of lipid metabolism (hyperlipidemia)
728	___ Disorders of muscle, ligament and fascia
270.4	___ Disturbances of sulfur-bearing amino acid metabolism
401	___ Essential hypertension
780.7	___ Fatigue
564.9	___ Functional digestive disorder
365	___ Glaucoma
274	___ Gout
784	___ Headache
54	___ Herpes simplex
270.5	___ Histidine Metabolism Disturbances
555.0	___ Ileitis
279	___ Immune system disorder
579.9	___ Malabsorption
780.9	___ Memory disturbance, loss or lack
319	___ Mental retardation
346	___ Migraine
269.3	___ Mineral deficiencies
269.3	___ Mineral deficiency
359	___ Myopathy
265	___ Niacin deficiency
715.9	___ Osteoarthritis
733	___ Osteoporosis
263	___ Other and unspecified protein calorie malnutrition
270.7	___ Other disturbances of straight-chain amino acid metabolism

Profile Components	CPT	ICD-9	Condition
		262	___ Other severe protein calorie malnutrition
		270.8	___ Other specified disorders of amino acid metabolism
		332	___ Parkinson's disease
		281	___ Pernicious anemia
		270.1	___ Phenylketonuria (PKU)
		515	___ Pulmonary fibrosis
		714	___ Rheumatoid arthritis
		345	___ Seizures
		780.5	___ Sleep disturbances
		579.8	___ Steatorrhea
		985	___ Toxic effects of metals
		270.9	___ Unspecified Disorder of Amino Acid Metabolism
		270.6	___ Urea Cycle Metabolism Disturbances
		592	___ Urolithiasis
		264	___ Vitamin A deficiency
		266.1	___ Vitamin B6 deficiency
		268	___ Vitamin D deficiency
		286.7	___ Vitamin K deficiency

#### AMINO ACIDS ANALYSIS, PLASMA\*

	82139	244	___ Acquired hypothyroidism
		303.9	___ Alcoholism
		331	___ Alzheimer's disease
		270	___ Amino Acid Transport Disturbances
		307.1	___ Anorexia nervosa
		335	___ Anterior horn cell disease
		300	___ Anxiety
		270.2	___ Aromatic Amino Acid Disturbances
		493	___ Asthma
		440	___ Atherosclerosis
		270.3	___ Branched Chain Amino Acid Disturbances
		259.2	___ Carcinoid syndrome
		425.4	___ Cardiomyopathy
		366	___ Cataract
		574	___ Cholelithiasis
		585	___ Chronic renal failure
		707	___ Chronic skin ulcer (poor wound healing)
		555.1	___ Colitis
		428	___ Congestive heart failure
		555.9	___ Crohn's disease
		277	___ Cystic fibrosis
		266	___ Deficiencies of B vitamins
		315	___ Delays in development
		311	___ Depressive disorder
		250	___ Diabetes mellitus
		787.91	___ Diarrhea
		577	___ Diseases of pancreas
		255	___ Disorders of adrenal glands
		276	___ Disorders of fluid, electrolyte, and acid-base balance

\* Components not offered separately  
 † Not currently available in New York  
 - Not Reimbursable by Medicare

Profile Components	CPT	ICD-9	Condition
		536	___ Disorders of function of stomach (hypochlorhydria)
		272	___ Disorders of lipid metabolism (hyperlipidemia)
		728	___ Disorders of muscle, ligament and fascia
		270.4	___ Disturbances of sulfur-bearing amino acid metabolism
		401	___ Essential hypertension
		780.7	___ Fatigue
		564.9	___ Functional digestive disorder
		365	___ Glaucoma
		274	___ Gout
		784	___ Headache
		54	___ Herpes simplex
		270.5	___ Histidine Metabolism Disturbances
		555.0	___ Ileitis
		279	___ Immune system disorder
		579.9	___ Malabsorption
		780.9	___ Memory disturbance, loss or lack
		319	___ Mental retardation
		346	___ Migraine
		269.3	___ Mineral deficiencies
		359	___ Myopathy
		265	___ Niacin deficiency
		715.9	___ Osteoarthritis
		733	___ Osteoporosis
		263	___ Other and unspecified protein calorie malnutrition
		270.7	___ Other disturbances of straight-chain amino acid metabolism
		262	___ Other severe protein calorie malnutrition
		270.8	___ Other specified disorders of amino acid metabolism
		332	___ Parkinson's disease
		281	___ Pernicious anemia
		270.1	___ Phenylketonuria (PKU)
		515	___ Pulmonary fibrosis
		714	___ Rheumatoid arthritis
		345	___ Seizures
		780.5	___ Sleep disturbances
		579.8	___ Steatorrhea
		270.9	___ Unspecified Disorder of Amino Acid Metabolism
		270.6	___ Urea Cycle Metabolism Disturbances
		592	___ Urolithiasis
		264	___ Vitamin A deficiency
		266.1	___ Vitamin B6 deficiency
		268	___ Vitamin D deficiency
		286.7	___ Vitamin K deficiency

Profile Components	CPT	ICD-9	Condition	Profile Components	CPT	ICD-9	Condition
<b>COMPREHENSIVE VITAMIN PROFILE, 17 VITAMINS<sup>†</sup>~</b>							
Beta Carotene	82380	269.2	Deficiency, vitamin	Vitamin B12	82607	264	Vitamin A deficiency
		264.5	Night blindness			254	Xerophthalmia
		264	Vitamin A deficiency			311	Depression
		254	Xerophthalmia			780.79	Fatigue
Biopterin	83520	269.2	Deficiency, vitamin			780.9	Memory loss
		244.9	Hypothyroidism			281.1	Pernicious anemia
Biotin	83520	269.2	Deficiency, vitamin			356.9	Peripheral neuropathy
		692	Dermatitis			298.9	Psychosis
Carnitine	82379	413	Angina pectoris	Vitamin B6	84207	266.2	Vitamin B deficiency
		425	cardiomyopathy			493.9	Asthma
		269.2	Deficiency, vitamin			354.0	Carpal tunnel syndrome
		780.79	Fatigue			294.8	Dementia
Choline, Free	83520	331.0	Alzheimers disease			311	Depression
		269.2	Deficiency, vitamin			250.6	Diabetic neuropathy
		332	Parkinson's disease			625.4	PMS
		333.82	Tardive dyskinesia			701.1	Seborrheic dermatitis
Choline, Total	83520	331.0	Alzheimers disease			285.0	Sideroblastic anemia
		269.2	Deficiency, vitamin			333.82	Tardive dyskinesia
		332	Parkinson's disease	Vitamin C	82180	266.1	Vitamin B deficiency
		333.82	Tardive dyskinesia			995.3	Allergy
Folic Acid	82746	269.2	Deficiency, vitamin			366.9	Cataracts
		529.0	Glossitis			311	Depression
		270.4	Homocystinemia			780.79	Fatigue
		281.9	Megaloblastic anemia			628.9	Infertility
Inositol	83520	704.00	Alopecia			280.9	Iron deficient anemia
		564.0	Constipation			267	Scurvy
		269.2	Deficiency, vitamin	Vitamin E	84446	267	Vitamin C deficiency
		272.0	Hypercholesterolemia			629.3	Dysmenorrhea
Niacin	83520	269.2	Deficiency, vitamin			610.1	Fibrocystic breast disease
		294.8	Dementia			443.9	Intermittent claudication
		692.9	Dermatitis			715.9	Osteoarthritis
		787.91	Diarrhea			625.4	PMS
		272.0	Hyperchlesterolemia			333.9	Restless leg syndrome
Panthenic Acid	83520	715	Osteoarthritis			690.1	Seborrheic dermatitis
		269.2	Deficiency, vitamin			269.1	Vitamin E deficiency
		255.4	Hypoadrenalism	<b>VITAMIN PROFILE, 12 VITAMINS<sup>†</sup>~</b>			
		780.52	Insomnia	Beta Carotene	82380	269.2	Deficiency, vitamin
		780.2	Paresthesia			264.5	Night blindness
Riboflavin	84252	695.3	Acne rosacea			264	Vitamin A deficiency
		285.9	Anemia - nutritional deficiency			254	Xerophthalmia
		528.5	Cheilosis	Biotin	83520	269.2	Deficiency, vitamin
		269.2	Deficiency, vitamin			692	Dermatitis
		311	Depression	Folic Acid	82746	269.2	Deficiency, vitamin
		529.0	Glossitis			529.0	Glossitis
		690.10	Seborrheic dermatitis			270.4	Homocystinemia
Thiamin	84425	281.9	Anemia-nutritional deficiency			281.9	Megaloblastic anemia
		783.0	Anorexia	Niacin	83520	269.2	Deficiency, vitamin
		269.2	Deficiency, vitamin			294.8	Dementia
		311	Depression			692.9	Dermatitis
		780.52	Insomnia			787.91	Diarrhea
		355.9	Sensory neuropathy			272.0	Hyperchlesterolemia
		350.1	Trigeminal neuralgia			715	Osteoarthritis
Vitamin A	84590	695.3	Acne rosacea	Panthenic Acid	83520	269.2	Deficiency, vitamin
		622.1	Cervical dysplasia			255.4	Hypoadrenalism
		373.2	Chalazion			780.52	Insomnia
		269.2	Deficiency, vitamin			780.2	Paresthesia
		701.1	Keratosis pilaris	Riboflavin	84252	695.3	Acne rosacea
		626.2	Menorrhagia			285.9	Anemia - nutritional deficiency
		264.5	Night blindness			528.5	Cheilosis
		696.1	Psoriasis			269.2	Deficiency, vitamin
		701.1	Seborrheic keratosis				

Profile Components	CPT	ICD-9	Condition
Thiamin	84425	529.0	__ Glossitis
		690.10	__ Seborrheic dermatitis
		281.9	__ Anemia, nutritional deficiency
		783.0	__ Anorexia
		269.2	__ Deficiency, vitamin
		311	__ Depression
		780.52	__ Insomnia
		355.9	__ Sensory neuropathy
		350.1	__ Trigeminal neuralgia

**ESSENTIAL & METABOLIC FATTY ACIDS ANALYSIS<sup>≈</sup>**

Essential and Metabolic Fatty Acids

82541	493.9	__ Asthma
	279.4	__ Autoimmune disease
	311	__ Depression
	692.9	__ Eczema
	314	__ Hyperkinetic syndrome of children
	564.1	__ Irritable bowel
	710.0	__ Systemic Lupus Erythematosus

**ENDOCRINE**

**BONE RESORPTION ASSESSMENT**

Deoxypyridinium, Urine	82523	733.90	__ Osteopenia
Pyridinium, Urine	83516	733.90	__ Osteopenia

**GLUCOSE/INSULIN TOLERANCE TEST**

Glucose	82947	250.00	Diabetes Mellitus (NIDDM)
		271	__ Disorders of carbohydrate transport and metabolism
		251.2	__ Hypoglycemia, unspecified
Glucose x 3	82951 x 3	250.00	Diabetes Mellitus (NIDDM)
		271	__ Disorders of carbohydrate transport and metabolism
		251.2	__ Hypoglycemia, unspecified
Insulin x 6	83525 x 6	250.00	Diabetes Mellitus (NIDDM)
		271	__ Disorders of carbohydrate transport and metabolism
		251.2	__ Hypoglycemia, unspecified

**ADRENOCORTEX STRESS PROFILE<sup>†</sup>**

Cortisol, Salivary x 4

82530 x 4	255.4	__ Adrenal insufficiency
	255.2	__ Adrenogenital disorders
	255.3	__ Corticoadrenal hyperfunction
	255	__ Cushings syndrome
	796.3	__ Non-specific hypotension
	625.4	__ Premenstrual tension

Profile Components	CPT	ICD-9	Condition
		255.9	__ Unspecified Adrenal or pituitary disorder

**DHEA, SALIVARY**

82626	255.4	__ Adrenal insufficiency
	300.4	__ Anxiety, Depression
	279	__ Disorders involving immune system mechanism
	302.72	__ Impotence

**DHEA, SERUM**

82627	255.4	__ Adrenal insufficiency
	300.4	__ Anxiety, Depression
	279	__ Disorders involving immune system mechanism
	302.72	__ Impotence

**MALE HORMONE PROFILE<sup>†</sup>**

Testosterone, Salivary x 4

84402 x 4	302.72	__ Impotence
	606	__ Infertility
	606.1	__ Oligospermia
	257.2	__ Other testicular hypofunction
	257.1	__ Postablative testicular hypofunction
	257.9	__ Unspecified testicular hypofunction

**COMPREHENSIVE MALE HORMONE PROFILE<sup>†</sup>**

Cortisol, Salivary x 4

82530 x 4	255.4	__ Adrenal insufficiency	
	255.2	__ Adrenogenital disorders	
	255.3	__ Corticoadrenal hyperfunction	
	255	__ Cushings syndrome	
	796.3	__ Non-specific hypotension	
	255.9	__ Unspecified Adrenal or pituitary disorder	
DHEA, Salivary	82626	255.4	__ Adrenal insufficiency
		300.4	__ Anxiety, Depression
		279	__ Disorders involving immune system mechanism
		302.72	__ Impotence
Melatonin, Salivary x 3	83519 x 3	277.9	__ Disorder of metabolism
		780.55	__ Disruption if 24-hour sleep-wake cycle
		780.53	__ Hypersomnia with sleep apnea
		780.52	__ Insomnia
		780.5	__ Sleep disturbance
		573.9	__ Unspecified liver disorder
		780.57	__ Unspecified sleep apnea
Testosterone, Salivary x 4	84402 x 4	625.3	__ Dysmenorhea
		625	__ Dyspareunia
		704.1	__ Hirsutism

≈ Components not offered separately  
 † Not currently available in New York  
 ~ Not Reimbursable by Medicare

Profile Components	CPT	ICD-9	Condition
<b>COMPREHENSIVE MALE HORMONE PROFILE, continued</b> <i>from previous page</i>			
		704.1	__Hirsutism
		302.72	__Impotence
		606	__Infertility
<b>FEMALE HORMONE PROFILE</b>			
Estradiol, Salivary x 11	82670 x 11	625.3	__Dysmenorhea
		625	__Dyspareunia
		628	__Infertility
		256.4	__Polycystic ovaries
		625.4	__Premenstrual tension
Progesterone, Salivary x 11	84144 x 11	625.3	__Dysmenorhea
		625	__Dyspareunia
		628	__Infertility
		256.4	__Polycystic ovaries
		625.4	__Premenstrual tension
Testosterone, Salivary	84402	255.4	__Adrenal insufficiency
		255.2	__Adrenogenital disorders
<b>COMPREHENSIVE FEMALE HORMONE PROFILE</b>			
Cortisol, Salivary x 4	82530 x 4	255.4	__Adrenal insufficiency
		255.2	__Adrenogenital disorders
		255.3	__Corticoadrenal hyperfunction
		255	__Cushings syndrome
		796.3	__Non-specific hypotension
		625.4	__Premenstrual tension
		255.9	__Unspecified Adrenal or pituitary disorder
DHEA, Salivary	82626	255.4	__Adrenal insufficiency
		300.4	__Anxiety, Depression
		279	__Disorders involving immune system mechanism
		302.72	__Impotence
Estradiol, Salivary x 11	82670	255.2	__Adrenogenital disorders
		625.3	__Dysmenorrhea
		625	__Dyspareunia
		628	__Female infertility
		704.1	__Hirsutism
		256	__Hyperestrogenism
		256.4	__Polycystic ovaries
		625.4	__Premenstrual syndrome
		614.2	__Salpingitis & oophoritis
Melatonin, Salivary x 3	83519 x 3	277.9	__Disorder of metabolism
		780.55	__Disruption if 24-hour sleep-wake cycle
		780.53	__Hypersomnia with sleep apnea
		780.52	__Insomnia
		780.5	__Sleep disturbance
		573.9	__Unspecified liver disorder
		780.57	__Unspecified sleep apnea

Profile Components	CPT	ICD-9	Condition
Progesterone, Salivary x 11	84144	255.2	__Adrenogenital disorders
		625.3	__Dysmenorrhea
		625	__Dyspareunia
		628	__Female infertility
		256.4	__Polycystic ovaries
		625.4	__Premenstrual syndrome
		614.2	__Salpingitis and oophoritis
Testosterone, Salivary	84402	704.1	__Hirsutism
		256.4	__Polycystic ovaries
<b>MENOPAUSE PROFILE</b>			
Estradiol, Salivary x 4	82670 x 4	627.2	__Menopausal symptoms
		256	__Ovarian dysfunction
		256.3	__Ovarian failure, other
		625.5	__Pelvic congestion syndrome
		256.2	__Post ablative ovarian failure
Progesterone, Salivary x 4	84144 x 4	296.2	__Depression
		627.2	__Menopausal symptoms
		256	__Ovarian dysfunction
		256.3	__Ovarian failure, other
		625.5	__Pelvic congestion syndrome
		256.2	__Post ablative ovarian failure
Testosterone, Salivary	84402	704.1	__Hirsutism
		627.2	__Menopause/postmenopausal disorders
		256.4	__Polycystic ovaries
<b>COMPREHENSIVE MENOPAUSE PROFILE†</b>			
Cortisol, Salivary x 4	82530 x 4	255.4	__Adrenal insufficiency
		255.2	__Adrenogenital disorders
		255.3	__Corticoadrenal hyperfunction
		255	__Cushings syndrome
		796.3	__Non-specific hypotension
		625.4	__Premenstrual tension
		255.9	__Unspecified Adrenal or pituitary disorder
DHEA, Salivary	82626	255.4	__Adrenal insufficiency
		300.4	__Anxiety, Depression
		279	__Disorders involving immune system mechanism
		302.72	__Impotence
Estradiol, Salivary x 4	82670 x 4	255.2	__Adrenogenital disorders
		625.3	__Dysmenorrhea
		625	__Dyspareunia
		628	__Female infertility
		704.1	__Hirsutism
		256	__Hyperestrogenism
		256.4	__Polycystic ovaries
		625.4	__Premenstrual syndrome

Profile Components	CPT	ICD-9	Condition
Melatonin, Salivary x 3 83519 x 3		614.2	__Salpingitis and oophoritis
		277.9	__Disorder of metabolism
		780.55	__Disruption if 24-hour sleep-wake cycle
		780.53	__Hypersomnia with sleep apnea
		780.52	__Insomnia
		780.5	__Sleep disturbance
		573.9	__Unspecified liver disorder
Progesterone, Salivary x 4 84144 x 4		780.57	__Unspecified sleep apnea
		255.2	__Adrenogenital disorders
		625.3	__Dysmenorrhea
		625	__Dyspareunia
		628	__Female infertility
		256.4	__Polycystic ovaries
Testosterone, Salivary 84402		625.4	__Premenstrual syndrome
		614.2	__Salpingitis and oophoritis
		627.2	__Menopause/postmenopausal disorders
		256.4	__Polycystic ovaries
		704.1	__Hirsutism

#### COMPREHENSIVE MELATONIN PROFILE\*

Melatonin, Salivary x 3 83519 x 3		780.55	__Disruption if 24-hour sleep-wake cycle
		780.53	__Hypersomnia with sleep apnea
		780.52	__Insomnia
		780.5	__Sleep disturbance
		780.57	__Unspecified sleep apnea

#### COMPREHENSIVE THYROID ASSESSMENT†

Anti-TG antibodies, IgG 86800		245.9	__Autoimmune thyroiditis
		245.1	__De Quervain's Disease
		790.94	__Euthyroid Sick Syndrome
		242	__Graves Disease
		245.2	__Hashimoto's Disease
Anti-TPO antibodies, IgG 86376		242.3	__Plummer's Disease
		245.9	__Autoimmune thyroiditis
		245.1	__De Quervain's Disease
		790.94	__Euthyroid Sick Syndrome
Free T3 84481		242	__Graves Disease
		245.2	__Hashimoto's Disease
		242.3	__Plummer's Disease
		245.9	__Autoimmune thyroiditis
		245.1	__De Quervain's Disease
		790.94	__Euthyroid Sick Syndrome
		242	__Graves Disease

Profile Components	CPT	ICD-9	Condition
Free T4	84439	244.9	__Primary Hypothyroidism
		244.8	__Secondary Hypothyroidism
		245.9	__Autoimmune thyroiditis
		245.1	__De Quervain's Disease
		790.94	__Euthyroid Sick Syndrome
		242	__Graves Disease
		245.2	__Hashimoto's Disease
		242.9	__Hyperthyroidism
		242.3	__Plummer's Disease
		244.9	__Primary Hypothyroidism
Hypersensitive TSH	844	244.8	__Secondary Hypothyroidism
		245.9	__Autoimmune thyroiditis
		245.1	__De Quervain's Disease
		790.94	__Euthyroid Sick Syndrome
		242	__Graves Disease
Reverse T3	790.94	245.2	__Hashimoto's Disease
		242.9	__Hyperthyroidism
		242.3	__Plummer's Disease
		244.9	__Primary Hypothyroidism
		244.8	__Secondary Hypothyroidism
		790.94	__Euthyroid Sick Syndrome

#### IGF-1 ASSAY

IGF-1	84305	780.79	__Asthenia
		780.52	__Insomnia
		306.2	__Myocardial ashthenia
		733.03	__Osteoporosis
		302.9	__Sexual dysfunction

#### METABOLIC

#### COMPREHENSIVE DETOXIFICATION PROFILE

Acetaminophen Derivatives			
	82492	277.78	__No specific Dx/analyte
Caffeine Clearance	83516	277.78	__No specific Dx/analyte
Cysteine, Plasma	84311	277.78	__No specific Dx/analyte
Glutathione Peroxidase			
	84311	277.78	__No specific Dx/analyte
Glutathione, Reduced			
	82978	277.78	__No specific Dx/analyte
Lipid Peroxides, Urine			
	84311	277.78	__No specific Dx/analyte
Salicylate Derivatives	82492	277.78	__No specific Dx/analyte
SOD	84311	277.78	__No specific Dx/analyte
Sulfate, Plasma	84311	277.78	__No specific Dx/analyte

#### STANDARD DETOXIFICATION PROFILE

Acetaminophen Derivatives			
	82492	277.78	__No specific Dx/analyte
Caffeine Clearance	83516	277.78	__No specific Dx/analyte
Salicylate Derivatives	82492	277.78	__No specific Dx/analyte

\* Components not offered separately  
† Not currently available in New York  
‡ Not Reimbursable by Medicare



Profile Components	CPT	ICD-9	Condition
<b>OXIDATIVE STRESS ANALYSIS, URINE</b>			
Lipid Peroxides, Urine	84311	995.3	Allergy
		716.9	Arthritis
		279	Autoimmune disorders
		250.0	Diabetes Mellitus
		136.9	Infection
		564.1	Irritable bowel
Salicylate Derivatives	82492	995.3	Allergy
		716.9	Arthritis
		279	Autoimmune disorders
		250.0	Diabetes Mellitus
		136.9	Infection
		564.1	Irritable bowel

<b>OXIDATIVE STRESS ANALYSIS, BLOOD/URINE</b>			
Glutathione Peroxidase	84311	995.3	Allergy
		716.9	Arthritis
		279	Autoimmune disorders
		250.0	Diabetes Mellitus
		136.9	Infection
Glutathione, Reduced	82978	995.3	Allergy
		716.9	Arthritis
		279	Autoimmune disorders
		250.0	Diabetes Mellitus
		136.9	Infection
Lipid Peroxides, Urine	84311	995.3	Allergy
		716.9	Arthritis
		279	Autoimmune disorders
		250.0	Diabetes Mellitus
		136.9	Infection
Salicylate Derivatives	82492	995.3	Allergy
		716.9	Arthritis
		279	Autoimmune disorders
		250.0	Diabetes Mellitus
		136.9	Infection
SOD	84311	995.3	Allergy
		716.9	Arthritis
		279	Autoimmune disorders
		250.0	Diabetes Mellitus
		136.9	Infection

<b>COMPREHENSIVE CARDIOVASCULAR ASSESSMENT</b>			
Apolipoprotein A1	82172	444	Arterial embolism and thrombosis
		440.9	Arteriosclerosis
		440	Atherosclerosis
		429.2	Cardiovascular disease
		437.1	Cerebral ischemia
		459.9	Ischemia
Apolipoprotein B	82172	444	Arterial embolism and thrombosis
		440.9	Arteriosclerosis
		440	Atherosclerosis
		429.2	Cardiovascular disease
		437.1	Cerebral ischemia
		459.9	Ischemia
C-Reactive Protein	86140	444	Arterial embolism and thrombosis
		440.9	Arteriosclerosis
		440	Atherosclerosis
		429.2	Cardiovascular disease
		437.1	Cerebral ischemia
		459.9	Ischemia

Profile Components	CPT	ICD-9	Condition
Cholesterol, LDL	83721	444	Arterial embolism and thrombosis
		440.9	Arteriosclerosis
		440	Atherosclerosis
		429.2	Cardiovascular disease
		437.1	Cerebral ischemia
		459.9	Ischemia
Fibrinogen†	85385	444	Arterial embolism and thrombosis
		286	Coagulation defects
		038	Septicemia
Homocysteine	82492	444	Arterial embolism and thrombosis
		440.9	Arteriosclerosis
		440	Atherosclerosis
		429.2	Cardiovascular disease
		437.1	Cerebral ischemia
		459.9	Ischemia
Lipid Panel	80061		
Cholesterol, HDL		411.81	Coronary occlusion without myocardial infarction
		413.0	Angina decubitus
		440	Atherosclerosis
		429.2	Cardiovascular disease
		438.0	Cognitive deficits as late effects of cerebrovascular disease
		414.01	Coronary atherosclerosis of native coronary artery
		433.00	Occlusion and stenosis of basilar artery, without mention of cerebral infarction
		433.10	Occlusion and stenosis of carotid artery, without mention of cerebral infarction
		414.8	Other specified forms of chronic ischemic heart disease
		432.9	Unspecified intracranial hemorrhage
Cholesterol, Serum		413.0	Angina decubitus
		440	Atherosclerosis
		429.2	Cardiovascular disease
		438.0	Cognitive deficits as late effects of cerebrovascular disease
		414.01	Coronary atherosclerosis of native coronary artery
		411.81	Coronary occlusion without myocardial infarction
		272.0	Hypercholesterolemia
		433.00	Occlusion and stenosis of basilar artery, without mention of cerebral infarction
		433.10	Occlusion and stenosis of carotid artery, without mention of cerebral infarction

Profile Components	CPT	ICD-9	Condition	
Triglycerides, Serum		414.8	___ Other specified forms of chronic ischemic heart disease	
		432.9	___ Unspecified intracranial hemorrhage	
		413.0	___ Angina decubitus	
		440	___ Atherosclerosis	
		429.2	___ Cardiovascular disease	
		438.0	___ Cognitive deficits as late effects of cerebrovascular disease	
		414.01	___ Coronary atherosclerosis of native coronary artery	
		411.81	___ Coronary occlusion without myocardial infarction	
		272.1	___ Hypertriglyceridemia	
		433.00	___ Occlusion and stenosis of basilar artery, without mention of cerebral infarction	
		433.10	___ Occlusion and stenosis of carotid artery, without mention of cerebral infarction	
		414.8	___ Other specified forms of chronic ischemic heart disease	
		432.9	___ Unspecified intracranial hemorrhage	
	Lipoprotein (a)		444	___ Arterial embolism and thrombosis
			440.9	___ Arteriosclerosis
		440	___ Atherosclerosis	
		429.2	___ Cardiovascular disease	
		437.1	___ Cerebral ischemia	
		459.9	___ Ischemia	

#### COTININE ASSAY

Cotinine	83516	490	___ Bronchitis
		496	___ Chronic Obstructive Pulmonary Disease
		277.00	___ Cystic Fibrosis
		492	___ Emphysema
		493.0	___ Extrinsic asthma

#### METABOLIC DYSGLYCEMIA PROFILE

Cortisol, Salivary†	82530	401.9	___ Essential Hypertension
		790.6	___ Hyperglycemia
		272.4	___ Hyperlipidemia
		278.0	___ Obesity
		271.9	___ Unspecified disorder of carbohydrate transport and metabolism
DHEA, Salivary†	82626	278.0	___ Obesity
Fructosamine	82985	250.0	___ Diabetes Mellitus
		790.6	___ Hyperglycemia
		271.9	___ Unspecified disorder of carbohydrate transport and metabolism
Glucose x 2	82947 x 2	250.0	___ Diabetes Mellitus
		790.6	___ Hyperglycemia
		251.2	___ Hypoglycemia

† Components not offered separately  
 ‡ Not currently available in New York  
 - Not Reimbursable by Medicare

Profile Components	CPT	ICD-9	Condition
Hemoglobin A1c	83036	271.9	___ Unspecified disorder of carbohydrate transport and metabolism
		250.0	___ Diabetes Mellitus
		790.6	___ Hyperglycemia
		271.9	___ Unspecified disorder of carbohydrate transport and metabolism
IGF-1, Serum	84305	278.0	___ Obesity
		250.0	___ Diabetes Mellitus
Insulin x 2	83525	790.6	___ Hyperglycemia
		272.4	___ Hyperlipidemia
		278.0	___ Obesity
		271.9	___ Unspecified disorder of carbohydrate transport and metabolism

#### METABOLIC LIPID PROFILE

Cholesterol, HDL		272	___ Disorders of lipid metabolism
Cholesterol, LDL	83721	272.0	___ Hypercholesterolemia
Cholesterol, Serum		272.0	___ Hypercholesterolemia
Triglycerides, Serum		272.1	___ Hypertriglyceridemia

#### CELLULAR ENERGY PROFILE†

Creatinine	82570		
Organic Acids	83918	780.71	___ Chronic Fatigue Syndrome
		729.1	___ Fibromyalgia
		983.1	___ Lactic Acidosis