



190.25 - Alpha-fetoprotein

Other Names/Abbreviations

AFP

Description

Alpha-fetoprotein (AFP) is a polysaccharide found in some carcinomas. It is effective as a biochemical marker for monitoring the response of certain malignancies to therapy.

HCPCS Codes (Alphanumeric, CPT[®] AMA)

Code	Description
82105	Alpha-fetoprotein; serum

ICD-9-CM Codes Covered by Medicare Program

The individual ICD-9-CM codes included in code ranges in the table below can be viewed on CMS' website under Downloads: Lab Code List. The link is: <http://www.cms.gov/Medicare/Coverage/CoverageGenInfo/LabNCDsICD9.html>

Code	Description
070.22-070.23	Chronic viral hepatitis B with hepatic coma, with or without mention of hepatitis delta
070.32-070.33	Chronic viral hepatitis B without mention of hepatic coma, with or without mention of hepatitis delta
070.44	Chronic hepatitis C with hepatic coma
070.54	Chronic hepatitis C without mention of hepatic coma
095.3	Syphilis of liver
121.1	Clonorchiasis
121.3	Fascioliasis
155.0-155.2	Malignant neoplasm of the liver and intrahepatic bile ducts
164.2-164.9	Malignant neoplasm of the mediastinum
183.0	Malignant neoplasm, ovary
186.0	Malignant neoplasm of undescended testis
186.9	Malignant neoplasm, other and unspecified testis
197.1	Secondary malignant neoplasm of mediastinum
197.7	Secondary malignant neoplasm of liver
198.6	Secondary malignant neoplasm of ovary
198.82	Secondary malignant neoplasm, genital organs
209.20-209.27, 209.29	Malignant carcinoid tumors of other and unspecified sites
209.70	Secondary neuroendocrine tumor, unspecified site
209.71	Secondary neuroendocrine tumor of distant lymph nodes
209.72	Secondary neuroendocrine tumor of liver
209.73	Secondary neuroendocrine tumor of bone

NCD 190.25

***October 14 Changes – Red**



**Medicare National Coverage Determinations (NCD)
Coding Policy Manual and Change Report**

Code	Description
209.74	Secondary neuroendocrine tumor of peritoneum
209.75	Secondary Merkel cell carcinoma
209.79	Secondary neuroendocrine tumor of other sites
211.5	Benign neoplasm of liver and biliary passages
235.3	Neoplasm of uncertain behavior of liver and biliary passages
272.2	Mixed hyperlipidemia
273.4	Alpha-1-antitrypsin deficiency
275.01	Hereditary hemochromatosis
275.02	Hemochromatosis due to repeated red blood cell transfusions
275.03	Other hemochromatosis
275.09	Other disorders of iron metabolism
275.1	Disorder of copper metabolism
277.00	Cystic Fibrosis without mention of meconium ileus
277.03	Cystic fibrosis with gastrointestinal manifestations
277.6	Other deficiencies of circulating enzymes
285.0	Sideroblastic Anemia
338.3	Neoplasm related pain (acute) (chronic)
414.4	Coronary atherosclerosis due to calcified coronary lesion
444.01	Saddle embolus of abdominal aorta
444.09	Other arterial embolism and thrombosis of abdominal aorta
571.2	Alcoholic cirrhosis of liver
571.40	Chronic hepatitis, unspecified
571.41	Chronic persistent hepatitis
571.42	Autoimmune hepatitis
571.49	Other chronic hepatitis
571.5	Cirrhosis of liver without mention of alcohol
573.5	Hepatopulmonary syndrome
608.89	Other specified disorders of male genital organs
793.11	Solitary pulmonary nodule
793.19	Other nonspecific abnormal finding of lung field
793.2	Non-specific (abnormal) findings on radiological and other examination of other intrathoracic organs
793.3	Non-specific (abnormal) findings on radiological and other examination of biliary tract
793.6	Non-specific (abnormal) findings on radiological and other examination of abdominal area, including retroperitoneum
795.89	Other abnormal tumor markers
V10.07	Personal history of malignant neoplasm, liver
V10.43	Personal history of malignant neoplasm, ovary
V10.47	Personal history of malignant neoplasm, testis
V86.0	Estrogen receptor positive status [ER+]

NCD 190.25

***October 14 Changes – Red**



Code	Description
V86.1	Estrogen receptor negative status [ER-]

Indications

AFP is useful for the diagnosis of hepatocellular carcinoma in high-risk patients (such as alcoholic cirrhosis, cirrhosis of viral etiology, hemochromatosis, and alpha 1-antitrypsin deficiency) and in separating patients with benign hepatocellular neoplasms or metastases from those with hepatocellular carcinoma and, as a non-specific tumor associated antigen, serves in marking germ cell neoplasms of the testis, ovary, retro peritoneum, and mediastinum.

ICD-9-CM Codes That Do Not Support Medical Necessity

Any ICD-9-CM code not listed in either of the ICD-9-CM covered or non-covered sections.

Sources of Information

Tatsuta M. Yamamura H. Iishi H. Kasugai H. Okuda S. Value of serum alpha-fetoprotein and ferritin in the diagnosis of hepatocellular carcinoma. *Oncology*. 43(5):306-10, 1986.