

# Alpha-fetoprotein

CPT: 82105

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## CMS National Coverage Policy

### Coverage Indications, Limitations, and/or Medical Necessity

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.

### 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.

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The ICD-10 codes listed below are the top diagnosis codes currently utilized by ordering physicians for the limited coverage test highlighted above that are also listed as medically supportive under Medicare's limited coverage policy. **If you are ordering this test for diagnostic reasons that are not covered under Medicare policy, an Advance Beneficiary Notice form is required.**

*\*Note—Bolded diagnoses below have the highest utilization*

Please refer to the Limitations or Utilization Guidelines section on previous page(s) for frequency information.

Code	Description
B18.1	Chronic viral hepatitis B without delta-agent
B18.2	Chronic viral hepatitis C
C22.0	Liver cell carcinoma
C22.1	Intrahepatic bile duct carcinoma
C22.8	Malignant neoplasm of liver, primary, unspecified as to type
C22.9	Malignant neoplasm of liver, not specified as primary or secondary
E78.2	Mixed hyperlipidemia
E83.110	Hereditary hemochromatosis
E83.119	Hemochromatosis, unspecified
K70.30	Alcoholic cirrhosis of liver without ascites
K70.31	Alcoholic cirrhosis of liver with ascites
K73.9	Chronic hepatitis, unspecified
K74.00	Hepatic fibrosis
K74.60	Unspecified cirrhosis of liver
K74.69	Other cirrhosis of liver
K75.4	Autoimmune hepatitis
R93.2	Abnormal findings on diagnostic imaging of liver and biliary tract
R93.5	Abnormal findings on diagnostic imaging of other abdominal regions, including retroperitoneum
R97.8	Other abnormal tumor markers
Z85.05	Personal history of malignant neoplasm of liver