

## Alpha-fetoprotein (82105) – NCD 190.25

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.

Limitations:
No specified limitations

Most Common Diagnoses (which meet medical necessity) *	
B18.1	Chronic viral hepatitis B
B18.2	Chronic viral hepatitis C
C22.0	Liver cell carcinoma
C22.9	Malignant neoplasm of liver
C56.9	Malignant neoplasm of ovary
C62.90	Malignant neoplasm of testis
E83.110	Hereditary hemochromatosis
E83.119	Hemochromatosis
K70.30	Alcoholic cirrhosis of liver without ascites
K70.31	Alcoholic cirrhosis of liver with ascites
K74.00	Hepatic fibrosis
K76.60	Cirrhosis of liver
K74.69	Other cirrhosis of liver
K75.4	Autoimmune hepatitis
K76.82	Hepatic encephalopathy
Z85.05	Personal history of malignant neoplasm of ovary
Z85.47	Personal history of malignant neoplasm of testis

\*For the full list of diagnoses that meet medical necessity see the Alpha-fetoprotein National Coverage Determination 190.25 document.

The above CMS and WPS-GHA guidelines are current as of: 04/01/2025.