MAYO
Mayo Medical Laboratories
1-800-533-1710

NEW TEST ANNOUNCEMENT
NOTIFICATION DATE: May 5, 2014
EFFECTIVE DATE: May 12, 2014

HEPATOCELLULAR CARCINOMA RISK PANEL
Test ID: HCCPR

USEFUL FOR: Risk assessment of patients with chronic liver disease for development of hepatocellular carcinoma (HCC)

PROFILE INFORMATION:

Test ID	Reporting Name	Available Separately	Always Performed
L3AFP	AFP-L3% and Total AFP, S	Yes	Yes
DCP	Des-Gamma-Carboxy Prothrombin, S	Yes	Yes

METHODOLOGY: Isotachophoresis with laser-induced fluorescence

REFERENCE VALUES:
L3AFP: <10%
DCP: <7.5 ng/mL

SPECIMEN REQUIREMENTS:
Collection Container/Tube:
Preferred: Red top
Acceptable: Serum gel
Submission Container/Tube: Plastic screw topped tube
Specimen Volume: 0.5 mL

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Serum	Frozen (preferred)	90 days
	Refrigerated	5 days

CAUTIONS:
- Serum markers are not specific for malignancy, and values may vary by method. Do not interpret AFP, AFP-L3, and DCP levels as absolute evidence of the presence or absence of malignant disease. Results should be used in conjunction with information from the clinical evaluation of the patient, cytology, and imaging procedures.
- Values obtained with different assay methods or kits cannot be used interchangeably.
- Some patients who have been exposed to animal antigens, either in the environment or as part of treatment or imaging procedures, may have circulating anti-animal antibodies present. These antibodies may interfere with the assay reagents to produce unreliable results in the AFP-L3 and DCP assays.

- Test results for AFP are not interpretable if the patient is pregnant.
- DCP producing tumors other than hepatocellular carcinoma can show elevated DCP values. Liver disease caused by other etiologies such as alcohol-induced liver disease, hemochromatosis, Wilson disease, autoimmune hepatitis, and steatohepatitis have not been studied with the DCP assay.
- Medications containing vitamin K preparations may cause a negative bias with DCP values. Medications containing vitamin K antagonist or antibiotic may cause a positive bias with DCP values.

CPT CODE: 82107-L3AFP
83951-DCP

DAY(S) SET UP: Monday, Wednesday, Friday,10 AM

ANALYTIC TIME: 1 day

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Greg Renkly, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710