

LAB21130 Hepatitis C, Antibody

BMC

Performing Location(s)

BMC

Specimen Type

Serum

Preferred Container

Gold or Red top

Minimum Volume to Submit for Testing

2 mL Serum

Multiple test can be performed from this volume.

For question please contact the lab at 607-547-3975.

Storage Requirements

Primary specimen tubes should be centrifuged within 2 hours of collection followed by transfer of the serum to a labeled plastic, aliquot tube.

See Causes of Rejection for temperature requirements.

Transportation Needs

Deliver specimen to laboratory within 1 hour of collection if unspun.

If not possible see "Storage Requirements".

Causes for Rejection

Mislabeled or unlabeled specimen

Less than 50% draw for vacutainer tubes

Plasma

Spun or Unspun sample > 7 days refrigerated

Spun or Unspun sample > 3 days at room temperature

Hemolysis > 500 mg/dL HgB

Lipemia > 3000 mg/dL Trig

Bilirubin > 20 mg/dL Bili

Total Protein > 12 g/dL

EDTA, Heparin, NaF, Citrate, Oxalate

Reference Values

In response to the MMWR's Guidelines for Laboratory Reporting of Antibody to Hepatitis C Virus (Volume 152 2/7/2003), the testing and reporting protocol for Hepatitis C is as follows:

Value (S/CO)	Interpretation	Reflexive Action
< 0.80	Negative	None
0.80 – 0.99	Equivocal	A confirmatory Hepatitis C Virus RNA by RT- PCR (Reference Lab test LAB887) is required, and has been reflexed. If needed, the laboratory will contact patient for redraw.
≥ 1.00	Presumptive Positive	Presumptive Hepatitis C infection. Consistent with current HCV or past infection that was resolved or biologic false positive. A confirmatory Hepatitis C Virus RNA by RT- PCR (Reference Lab test LAB887) is required, and has been reflexed. If needed, the laboratory will contact patient for redraw. Order Lab887 to identify current infection.

Reflex Testing

Equivocal and presumptive positive results will reflex to LAB887 Hepatitis C Virus (HCV) RNA Detection and Quantification by Real-Time Reverse Transcription-PCR (RT-PCR), Serum.

Additional Information

Hepatitis C is a NYSDOH reportable disease. The NYSDOH will be notified of all positive cases. This test is not available on a STAT basis or off-hours, weekends or holidays. If an emergency request is necessary, call 3731 for availability. Pathologist approval may be required.

Available STAT

No

Methodology

Chemilumimetric Immunoassay

CPT Code

86803