

LAB1242 Hepatitis B Core Total Antibody with Reflex

BMC

Performing Location(s)

BMC

Specimen Type

Serum

Preferred Container

Gold or Red top

Storage Requirements

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

See Causes of Rejection for temperature requirements.

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.

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

NaF, Citrate, Oxalate

Reference Values

Hepatitis B Core Antibody (Total) Reference Range		
Population	Units	Reference Range
All populations	S/CO	<0.80 Negative

Interpretation

A negative result does not exclude the possibility of exposure or infection to HBV.

An equivocal result indicates that IgM antibodies to HBC may or may not be present. Patients should be retested at approximately 1 week intervals if clinically indicated. This will distinguish rapidly rising anti-HBc IgM levels associated with early acute infection from gradually decreasing or unchanging levels often associated with late acute stage HBV infection, 6-9 months from appearance of HBsAg.

A positive e result is presumptive evidence of anti-HBc IgM antibodies.

Available STAT

No

Methodology

Two Step Chemiluminescence Immunoassay

CPT Code

86704