

Test Menu

TOPIC	DESCRIPTION
Test Name	Hepatitis B Core (HBcAb)
Other Name (s)	HBc total antibody, HBc (IgG + IgM)
Analyte(s)	Hepatitis B Core antibody (IgG + IgM)
Test Code	0320
Lab location	Jacksonville, Miami, and Tampa locations
Department	Serology
Pre-Approval Required	None
Additional Required Forms	None
Specimen Source	Blood, Serum
Special Specimen Preparation	N/A
Minimum Volume	2 ml serum or (5-6 ml whole blood).
Storage Conditions	Specimens may be stored on or off the clot, red blood cells, or separator gel. Serum/plasma storage at RT (23-30C) ≤ 3 days or 2-8C for ≤ 7 days. If stored longer than the maximum RT or 2-8C storage time, store frozen at –20C or colder. Avoid more than 3 freeze/thaw cycles.
Collection Media	Serum (tiger or yellow top SST) preferred
Specimen Labeling	Specimen must be labeled with at least two unique patient identifiers, Ex: Name and DOB. Electronic lab order preferred, HMS, Etc. Information on the specimen must match the requisition.
Packaging and Shipping Instructions and Handling	Ship in a cooler with ice packs at 2-8C to be received no more than 7 days from collection date.
Test Methodology	Chemiluminescent Microparticle Immunoassay (CMIA)
Turnaround Time	48-96 hrs
Result Indicator	Nonreactive or Reactive.
Unsatisfactory Specimen	Grossly hemolyzed, heat-inactivated, pooled and contaminated samples. Cadaveric specimens or body fluids other than human serum. Specimens that exceed the storage limitations listed above.
Interferences and Limitations	Current methods for the detection of anti-HBc antibodies may not detect all infected individuals. A nonreactive test result does not exclude the possibility of exposure to or infection with HBV. Specimens from patients who have received preparations of mouse monoclonal antibodies for diagnosis or therapy may contain human anti-mouse antibodies (HAMA). Such specimens may show either falsely elevated or depressed values. Patients routinely exposed to animals or to animal serum products can be prone to interference and anomalous results may be observed. For accurate results, specimens should be free of fibrin, red blood cells, and other particulate matter. Serum specimens from patients receiving anticoagulant or thrombolytic therapy may contain fibrin due to incomplete clot formation.
Additional Information & Notes	Nonreactive: Antibodies to HBc not detected; possibility that individual is not infected with HBV. Reactive: Antibodies to HBc detected; suggests on-going or previous HBV infection. Indicates presumptive evidence of HBV.
Reference Range	Nonreactive
Reference Lab	None
Reflex testing	None