

**Test Menu**

TOPIC	DESCRIPTION
Test Name	Hepatitis B Surface Antibody (HBsAb)
Other Name (s)	HBsAb
Analyte(s)	Hepatitis B Surface antibody qualitative and quantitative
Test Code	0310
Lab location	Jacksonville, Miami, and Tampa locations
Department	Serology
Pre-Approval Required	None
Additional Required Forms	None
Specimen Source	Blood, Serum
Special Specimen Preparation	None
Minimum Volume	2 ml serum (preferred) or 5-6 ml whole blood
Storage Conditions	Store serum at RT for ≤ 3 days or 2-8C for ≤ 7 days. If testing will be delayed more than 3 days for specimens stored at RT or more than 7 days for specimens stored at 2-8C, remove serum or plasma from the clot, red blood cells, or separator gel and store at -20C or colder. Avoid more than three 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. <b>Electronic lab order preferred, HMS, Etc.</b> <b>Information on the specimen must match the requisition.</b>
Packaging and Shipping Instructions and Handling	Ship in a cooler with ice packs at 2-8C sent overnight for next day delivery and 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 <8.00 mIU/mL ; Grayzone ≥8 to <12.0 mIU/mL; Reactive ≥12.0 mIU/mL to 1000 mIU/mL. If greater, report as >1000 mIU/mL.
Unsatisfactory Specimen	Grossly hemolyzed, heat-inactivated, pooled and contaminated samples. Cadaveric specimens and fluids other than human serum or plasma. Specimens that exceed the storage limitations listed above.
Interferences and Limitations	<ol style="list-style-type: none"> <li>1. For diagnostic purposes, results should be used in conjunction with patient history and other hepatitis markers for diagnosis of acute and chronic infection.</li> <li>2. A nonreactive test result does not exclude the possibility of exposure to hepatitis B virus.</li> <li>3. Results obtained may not be used interchangeably with values obtained with different manufacturers' assay methods.</li> <li>4. Results from immunosuppressed patients should be interpreted with caution.</li> <li>5. Assay does not differentiate between vaccines and natural infections.</li> <li>6. Performance characteristics have not been established for therapeutic monitoring.</li> <li>7. A reactive anti-HBs result does not exclude co-infection by another hepatitis virus.</li> </ol>
Additional Information & Notes	<p>Nonreactive: individual is considered not immune to HBV infection.</p> <p>Grayzone: The test was unable to determine if HBs antibodies are present in the specimen. It is recommended that a new specimen be collected for retesting in 2-4 weeks.</p> <p>The immune status of the individual should be further assessed by considering other factors, such as clinical status, follow-up testing, associated risk factors, and the use of additional diagnostic information.</p> <p>Reactive: Individual is considered immune to HBV infection.</p>
Reference Range	Unvaccinated: Nonreactive <8.0 mIU/mL. Vaccinated: Reactive ≥12.0 mIU/mL
Reference Lab	None
Reflex testing	None