## Screening Pregnant Women for Hepatitis B Virus (HBV) Infection:

### Ordering Prenatal Hepatitis B Surface Antigen (HBsAg) Tests from Major Commercial Laboratories

<table>
<thead>
<tr>
<th>Laboratory</th>
<th>Test Option</th>
<th>Test Name</th>
<th>Reflex to Confirmation Test*</th>
<th>Test Code/ID</th>
<th>CPT Code</th>
<th>Web Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>LabCorp</td>
<td>Panel</td>
<td>Prenatal Profile I with Hepatitis B Surface Antigen</td>
<td>✓</td>
<td>202945</td>
<td>80055</td>
<td><a href="https://www.labcorp.com/wps/portal/provider/testmenu/">https://www.labcorp.com/wps/portal/provider/testmenu/</a> (Enter test code or CPT code to search for test)</td>
</tr>
<tr>
<td></td>
<td>Panel</td>
<td>Hepatitis Profile XIII (HBV Prenatal Profile)</td>
<td>✓</td>
<td>265397</td>
<td>87340**</td>
<td><a href="https://www.labcorp.com/wps/portal/provider/testmenu/">https://www.labcorp.com/wps/portal/provider/testmenu/</a> (Enter test code or CPT code to search for test)</td>
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<tr>
<td></td>
<td>Standalone</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
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<td>Standalone</td>
<td>Hepatitis B Surface Antigen Prenatal, Serum</td>
<td>✓</td>
<td>HBAGP</td>
<td>87340</td>
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<td>Standalone</td>
<td>N/A</td>
<td>N/A</td>
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</tr>
</tbody>
</table>

*When an HBsAg test result is reactive, laboratories may automatically perform a confirmatory test without additional provider order.

**This CPT code corresponds only to the HBsAg screening component of this laboratory panel; additional CPT codes might be associated with other component tests in this laboratory panel.

Notes:

- CDC recommends healthcare providers use prenatal HBsAg tests (vs. non-specific tests) for pregnant women, which allows for reporting of positive results along with pregnancy status to public health jurisdictions. Refer all HBsAg positive pregnant women to Perinatal Hepatitis B Prevention Program coordinators for case management of mother and infant: [http://www.cdc.gov/vaccines/vpd-vac/hepb/perinatal-contacts.htm](http://www.cdc.gov/vaccines/vpd-vac/hepb/perinatal-contacts.htm).

- Laboratories reserve the right to add, modify, or stop performing tests at any time – providers should review any test notifications from laboratories for changes.
Screening and Referral Algorithm for Hepatitis B Virus (HBV) Infection among Pregnant Women

**HBsAg (hepatitis B surface antigen)**

- **Positive**
  - Report HBsAg positive pregnant women to Perinatal Hepatitis B Prevention Program
  - Identify all household and sexual contacts and recommend screening by primary care provider

- **Negative**
  - Assess if at high risk* for acquiring HBV infection
  - Consider vaccination during pregnancy or postpartum
  - Repeat HBsAg testing when admitted for delivery

  - **Negative**
    - No further action needed
  - **Positive**
    - Order Additional Tests:
      - **HBeAg (hepatitis B e-antigen)**
      - **HBV DNA Concentration**
      - **ALT (alanine aminotransferase)**

    - **HBeAg**
      - **Positive**
        - Refer to specialist immediately during pregnancy
      - **Negative**
        - Refer for care postpartum
    - **HBV DNA Concentration**
      - **>20,000 IU/mL**
        - Refer for care postpartum
      - **≤20,000 IU/mL**
        - Order Additional Tests
    - **ALT**
      - **≥19 IU/L**
        - Refer to specialist immediately during pregnancy
      - **<19 IU/L**
        - No further action needed

*High risk for HBV infection includes: household or sexual contacts of HBsAg-positive persons; injection drug use; more than one sex partner during the past six months; evaluation or treatment for a sexually transmitted disease; HIV infection, chronic liver disease, or end-stage renal disease; and international travel to regions with HBsAg prevalence of ≥2%.