Assess for Possible Exposure\(^1\) to Zika Virus Infection

(See references on back for more information.)

<table>
<thead>
<tr>
<th>Question</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you live in or do you frequently travel (daily or weekly) to an area with active Zika virus transmission(^2)?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have you traveled to an area with Zika(^2) during pregnancy or just before you became pregnant [8 weeks before conception or 6 weeks before your last menstrual period]?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have you had sex (vaginal, anal, or oral sex) without a condom or shared sex toys with a partner(s) who lives in or has traveled to an area with Zika(^2)?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If your pregnant patient answered “NO” to ALL questions, she is at low risk for exposure to Zika.

If Pregnant Patient Answered “Yes” to Any Question, Assess for Signs and Symptoms of Zika Virus Disease

<table>
<thead>
<tr>
<th>Question</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you currently have or have you had (in the last 12 weeks) fever, rash, joint pain, or conjunctivitis (red eyes)?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If your pregnant patient answered “YES” to having any of these signs or symptoms, she might have symptomatic Zika virus infection. Test in accordance with CDC guidance for symptomatic persons\(^3\).

If your pregnant patient answered “NO” to having any signs or symptoms, she has been exposed and might have an asymptomatic Zika virus infection. Test in accordance with CDC guidance for asymptomatic pregnant women\(^3\).

References:
1. Possible exposure to Zika virus that warrants testing includes one or more of the following:
   a. Living in an area with active transmission
   b. Travel to an area with active transmission
   c. Sex (vaginal, anal, and oral sex) without a condom or the sharing of sex toys with a person who traveled to or lives in an area with Zika.
3. Please see the algorithm on the back from CDC's Updated Interim Guidance for Health Care Providers Caring for Pregnant Women with Possible Zika Virus Exposure to guide testing and interpretation of results. (http://www.cdc.gov/mmwr/volumes/65/wr/mm6529e1.htm?s_cid=mm6529e1_e)
Testing and interpretation recommendations*†§¶ for a pregnant woman with possible exposure to Zika virus** — United States (including U.S. territories)

**PREGNANT WOMAN**

Assess for possible Zika virus exposure
Evaluate for signs and symptoms of Zika virus disease

- Symptomatic: <2 weeks after symptom onset, or
- Asymptomatic and NOT living in an area with active Zika virus transmission: <2 weeks after possible exposure

**Zika virus rRT-PCR on serum and urine**

Positive Zika virus rRT-PCR on serum or urine:
*Recent Zika virus infection*

Negative Zika virus rRT-PCR on serum and urine

**Zika virus IgM and dengue virus IgM§ on serum**

- Symptomatic: Zika virus IgM and dengue virus IgM
- Asymptomatic and NOT living in an area with active Zika virus transmission: Zika virus IgM 2–12 weeks after exposure

**Dengue virus IgM positive or equivocal and any result on dengue virus IgM:**
*Presumptive recent Zika virus or flavivirus infection*

**Zika virus IgM and dengue virus IgM positive or equivocal and any result on dengue virus IgM:**
*Presumptive recent Zika virus or flavivirus infection*

**Plaque reduction neutralization test (PRNT)**

- Zika virus PRNT ≥10 and dengue virus PRNT <10:
  *Recent Zika virus infection*
- Zika virus PRNT ≥10 and dengue virus PRNT ≥10:
  *Recent flavivirus infection, specific virus cannot be identified*
- Zika virus PRNT <10:
  *No recent evidence of Zika virus infection*

Abbreviations: IgM = immunoglobulin M; PRNT = plaque reduction neutralization test; rRT-PCR = real-time reverse transcription–polymerase chain reaction.

* A pregnant woman is considered symptomatic if one or more signs or symptoms (fever, rash, arthralgia, or conjunctivitis) consistent with Zika virus disease is reported whereas a pregnant woman is considered asymptomatic if symptoms are NOT reported.

† Testing includes Zika virus rRT-PCR on serum and urine samples, Zika virus and dengue virus Immunoglobulin M (IgM), and plaque reduction neutralization test (PRNT) on serum samples. PRNT results that indicate recent flavivirus infection should be interpreted in the context of the currently circulating flaviviruses. Refer to the laboratory guidance for updated testing recommendations (http://www.cdc.gov/zika/laboratories/lab-guidance.html). Because of the overlap of symptoms in areas where other viral illness are endemic, evaluate for possible dengue or chikungunya virus infection.

§ Dengue IgM antibody testing is recommended only for symptomatic pregnant women.

¶ If Zika virus rRT-PCR testing is requested from laboratories without IgM antibody testing capacity or a process to forward specimens to another testing laboratory, storing of additional serum samples is recommended for IgM antibody testing in the event of a rRT-PCR negative result.

**Possible exposure to Zika virus includes travel to or residence in an area with active Zika virus transmission (http://wwwnc.cdc.gov/travel/notices), or sex (vaginal sex (penis-to-vagina sex), anal sex (penis-to-anus sex), oral sex (mouth-to-penis sex or mouth-to-vagina sex), and the sharing of sex toys) without a barrier method to prevent infection (male or female condoms for vaginal or anal sex, male condoms for oral sex (mouth-to-penis), and male condoms cut to create a flat barrier or dental dams for oral sex (mouth-to-vagina) with a partner who traveled to, or lives in an area with active Zika virus transmission.**