

Laboratory Requirements for Zika Virus Test Submission

Consultation and Approval

Consultation with the PA Department of Health or your local health department is required for Zika virus testing. Contact 1-877-PAHEALTH (1-877-724-3258) or your local health department for approval. Public health staff will follow current testing algorithms for suspect Zika virus infection. Once the approval is granted, follow the guidelines below to send specimens to the PA Department of Health Bureau of Laboratories (PA BOL) for testing. **Do NOT ship specimens directly to the CDC.** CDC will not test specimens without authorization.

Specimen Collection Instructions

Upon testing approval, use both of the forms listed below and found on the PA BOL website.

1. Complete PA BOL specimen submission slip
2. Complete CDC 50.34 form modified with PA specific contact information

Collect at least 3 mL of serum. Use a red-top or serum separator tube for blood collection and then centrifuge the specimen. Transfer serum to a sterile transport tube. Store the specimen in a refrigerator until transport to the laboratory. Ship the specimen with cold packs in an insulated container to the PA BOL Monday through Thursday only. PA BOL will ship the specimen to CDC's Arbovirus Diagnostic Laboratory for arbovirus testing.

Testing results are usually available 2–4 weeks after submission and a report will be faxed to the submitting laboratory. Arboviral disease is a reportable condition, the positive results will automatically report to PANEDSS.

Information Requested	Required Data Elements for CDC 50.34 and PA BOL Submission Forms
Patient Information	<ul style="list-style-type: none"> • Patient Name • DOB • Sex • Current Address • County of residence
Clinical Information	<ul style="list-style-type: none"> • Date of Symptom Onset • Symptoms: Fever, Rash, Conjunctivitis, and Arthralgia • Past history of arboviral infection (e.g. West Nile Virus, Yellow Fever, Japanese Encephalitis, Dengue, Tickborne encephalitis, Chikungunya, etc.) • Pregnancy status and gestational age for women of childbearing age • Recent history of blood transfusions/organ transplant
Specimen Information	<ul style="list-style-type: none"> • Specimen source • Collection date
Test Order	<ul style="list-style-type: none"> • Suspect Agent: Zika Virus • Test order: Arbovirus Serology CDC test code 10282
Submitter Information	Submitter name, address and phone number
Epidemiological Data	Travel history including specific city/country visited and dates of travel
Immunization history	Notate history of: Yellow Fever, Japanese Encephalitis, Dengue vaccine, or Tickborne encephalitis vaccine
Laboratory Testing	Note other simultaneous arboviral laboratory results