

## Chikungunya Testing Information

### (for Submission of Samples to CDC through NCSLPH)

#### Specimen Collection:

- Acute blood sample should be collected between 3 to 10 days after onset of symptoms
- Specimen type – at least 0.5 mL of serum
- Convalescent blood sample should be collected 2 to 3 weeks after acute sample if acute sample tests negative

#### Request forms:

- NCSLPH DHHS 3445
- CDC 50.34

#### Shipment to NCSLPH:

- Ship acute serum immediately for overnight receipt
- Ship with cold packs (preferred) or at ambient temperature

#### Testing performed at CDC:

- PCR performed on samples collected within 5 days of onset
- PCR and IgM/IgG serology performed on samples collected greater than 5 days after onset
- Confirmatory testing by PRNT performed on all IgM/IgG positive sera

#### CDC Results Reporting:

- Test results normally available 4 to 14 days after receipt of specimen
- Hard copy results available 2 weeks after testing complete
- Results may be delayed due to confirmatory testing

#### Resources and Contact Information:

- CDC website: <http://www.cdc.gov/chikungunya/hc/diagnostic.html>
- NC SLPH Special Serology Laboratory: 919-807-8623 M-F 7:00-4:00
- NC SLPH On-Call: 919-807-8600 (24/7)