Clinical suspicion of a mosquito-borne disease (MBD) based on the following:
- Symptoms including, but not limited to:
  - Fever
  - Headache
  - Meningitis
  - Encephalitis
- Meningoencephalitis
- Time of year (e.g., during active mosquito seasons)
- Exposure history (refer to the following for potential exposure guidance):

Testing should be tailored based on clinical presentation, exposure history, and known endemic mosquito-borne pathogens.

Malaria suspected
- Refer to the Malaria Laboratory Testing Algorithm for information

Filaria suspected
- Order:
  - FIL / Filaria, Blood
  - FFAG4 / Filaria, IgG4, Antibody, ELISA
  - FFAG5 / Filaria, IgG5, Antibody, ELISA
  - FIL / Filaria, Serum

Arbovirus infection suspected
- Specimen collected ≤7 days after symptom onset
- Specimen collected >7 days after symptom onset

If any of the following are suspected, contact your local public health department or the CDC for testing options:
- Bourbon virus
- Heartland virus
- Jamestown Canyon virus
- Powassan virus

Serologic testing is recommended if mosquito exposure occurred within the United States (US), consider the following tests:
- ARBOP / Arbovirus Antibody Panel, IgG and IgM, Serum
- ABOPC / Arbovirus Antibody Panel, IgG and IgM, Spinal Fluid
- CAVPC / California Virus (La Crosse) Encephalitis Antibody Panel, IgG and IgM, Spinal Fluid
- CAVP / California Virus (La Crosse) IgG and IgM, Serum
- EEPC / Eastern Equine Encephalitis Antibody Panel, IgG and IgM, Spinal Fluid
- EEEP / Eastern Equine Encephalitis Antibody, IgG and IgM, Serum
- STLP / St. Louis Encephalitis Antibody Panel, IgG and IgM, Spinal Fluid
- STLPC / St. Louis Encephalitis Antibody, IgG and IgM, Serum
- WEEPC / Western Equine Encephalitis Antibody Panel, IgG and IgM, Spinal Fluid
- WEEP / Western Equine Encephalitis Antibody, IgG and IgM, Serum
- WNS / West Nile Virus Antibody, IgG and IgM, Serum

If mosquito exposure occurred outside of the US, consider the following tests:
- CHIKV / Chikungunya IgG and IgM, Antibody, Serum
- CHIKS / Chikungunya Virus, PCR, Molecular Detection, Serum
- CHIKC / Chikungunya Virus, PCR, Molecular Detection, Spinal Fluid
- DENGM / Dengue Virus Antibody, IgG and IgM, Serum
- DENV / Dengue Virus Antibody, IgG and IgM, Serum
- DENVP / Dengue Virus Antibody/Antigen Panel, Serum
- DNSAG / Dengue Virus NS1 Antigen, Serum
- DENG5 / Dengue Virus, Molecular Detection, PCR, Serum
- DENG6 / Dengue Virus, Molecular Detection, PCR, Spinal Fluid
- MZIKV / Zika Virus IgM Antibody Capture ELISA, Serum
- RZIKV / Zika Virus, PCR, Molecular Detection, Random, Urine
- RZIKS / Zika Virus, PCR, Molecular Detection, Serum

If mosquito exposure occurred in any region, consider the following tests:
- WNS / West Nile Virus Antibody, IgG and IgM, Serum
- WNC / West Nile Virus Antibody, IgG and IgM, Spinal Fluid
- WNVBL / West Nile Virus, RNA, PCR, Molecular Detection, Blood
- WNVUR / West Nile Virus, RNA, PCR, Molecular Detection, Random, Urine
- WNVS / West Nile Virus, RNA, PCR, Molecular Detection, Serum
- WNCSF / West Nile Virus, RNA, PCR, Molecular Detection, Spinal Fluid