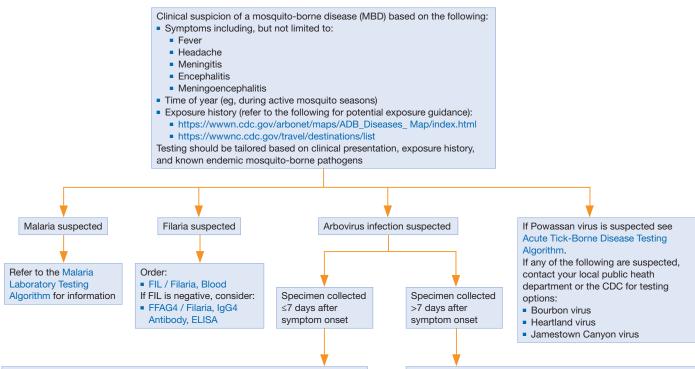


## Mosquito-borne Disease Laboratory Testing



- Real-time reverse transcription polymerae chain reaction (PCR) and serologic testing are recommended
- Serologic testing of spinal fluid (CSF) should be performed concurrently with or following serologic testing of serum

If mosquito exposure occurred  $\mbox{\it within}$  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
- STLPC / St. Louis Encephalitis Antibody Panel, IgG and IgM, Spinal Fluid
- STLP / 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

If mosquito exposure occurred  ${\bf outside}$  of the US, consider the following tests:

- CHIKV / Chikungunya IgM and IgG 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
- DENVP / Dengue Virus Antibody/Antigen Panel, Serum
- DNSAG / Dengue Virus NS1 Antigen, Serum
- DENGS / Dengue Virus, Molecular Detection, PCR, Serum
- DENGC / Dengue Virus, Molecular Detection, PCR, Spinal Fluid
- MZIKV / Zika Virus IgM Antibody Capture ELISA, Serum
- RZIKU / 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

- 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
- STLPC / St. Louis Encephalitis Antibody Panel, IgG and IgM, Spinal Fluid
- STLP / 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

If mosquito exposure occurred **outside** of the US, consider the following tests:

- CHIKV / Chikungunya IgM and IgG Antibody, Serum
- DENGM / Dengue Virus Antibody, IgG and IgM, Serum
- DENVP / Dengue Virus Antibody/Antigen Panel, Serum
- DNSAG / Dengue Virus NS1 Antigen, Serum
- MZIKV / Zika Virus IgM Antibody Capture ELISA, 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

