

# PROVIDER QUICKSHEET: LYME DISEASE



## IMPORTANT INFORMATION ABOUT SELECTING LABORATORY TESTS

- The West Virginia Office of Laboratory Services provides **FREE** Lyme disease serology testing
  - Method used is enzyme immunoassay (EIA) screen, with reflex to IgM and IgG western blot
  - For more information see:  
<http://www.wvdhhr.org/labservices/shared/docs/Serology/Lyme%20instructions.pdf>
  - For specimen submission form:  
<http://www.wvdhhr.org/labservices/shared/docs/Micro/Lyme%20Request%20Form.pdf>
  - For questions, call 304-558-3530 ext. 2410
- CDC recommends a two-tier approach for testing serological specimens
  - EIA antibody screen, followed by IgM and IgG western blot if EIA positive
    - Test codes\* for Lyme disease EIA with reflex to western blot for the two most frequent reference labs based on reports received in 2009: **Quest** (10672X); **LabCorp** (258004)
- The use of single-tier IgM western blot testing (i.e., without EIA screen) is not recommended
  - False positive results are more likely to occur due to reduced specificity

## RESOURCES FOR PATIENTS

- CDC website has several brochures and info sheets for patients:  
[http://www.cdc.gov/ncidod/dvbid/lyme/ld\\_resources.htm](http://www.cdc.gov/ncidod/dvbid/lyme/ld_resources.htm)
- MedLine Plus website contains several categories of information from credible sources:  
<http://www.nlm.nih.gov/medlineplus/lymedisease.html>

## RESOURCES FOR HEALTHCARE PROVIDERS

- The Infectious Disease Society of America (IDSA) has developed a FREE online CME case study about the diagnosis and management of Lyme disease: available at <http://lymecourse.idsociety.org/>
- The American Academy of Family Physicians (AAFP) provides a diagnostic guideline to aid healthcare providers in diagnosing Lyme disease: available at <http://www.aafp.org/afp/2005/0715/p297.pdf>

