

Lyme Disease

Resources for Primary Health Care Providers



Region of Waterloo
PUBLIC HEALTH

Primary Resource: [Public Health Ontario - Lyme Disease](#)

Assessment and Diagnostics

- Centers for Disease Control www.cdc.gov/lyme
- Ontario Ministry of Health and Long-Term Care. Infectious Disease Protocols: Lyme Disease. Appendix A and B. [MOHLTC ID protocols](#)
- Public Health Ontario (PHO) [Public Health Ontario-Lyme Disease](#)

European Lyme Disease

- Different strains of Borrelia -B. garinii and B. afzelii
- Routine EIA screen will be positive, but requires Immunoblot testing specific to these strains
- If suspected, clinician must specifically request on requisition AND include risk area travelled (see endemic risk areas below)

Endemic/Risk Areas

Ontario: www.publichealthontario.ca (search "Ontario Lyme disease risk areas map" - updated annually)

Canada: Surveillance of Lyme Disease. Government of Canada. <http://bit.ly/1VMt2Be>

USA: Centers for Disease Control www.cdc.gov/lyme/stats/index.html

International: International Association for Medical Assistance to Travellers (IAMAT) www.iamat.org/risks/lyme-disease

Clinical Practice Guidelines and Treatment

- IDSA 2020 Guidelines for the Prevention, Diagnosis and Treatment of Lyme Disease [IDSA Lyme](#) (most current IDSA guidelines also linked on PHO website - Lyme Disease)
- [Ontario Clinical Guidance on Lyme Disease](#) (accessible at Ontario.ca/lyme-disease)
- [Canadian Clinical Guidance on Lyme Disease](#) (accessible at Canada.ca/lyme-disease)

Two-tiered testing for Lyme Disease

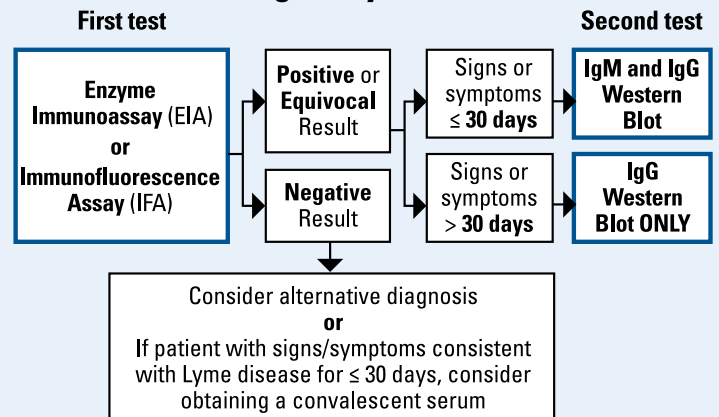


Figure 1: Recommended two-tiered testing for Lyme disease by CDC and Public Health Ontario (PHO)

Note: PHO lab replaced Western Blot with Line Blot - same test, different manufacturer

Alternate formats of this document are available upon request.

Region of Waterloo Public Health and Emergency Services

Infectious Diseases and Sexual Health

www.regionofwaterloo.ca/ph

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