

# North Carolina Lyme Disease Surveillance Case Classification Algorithm

Refer to NC CD Manual [Lyme Disease Case Definition](#) for detailed information

## Qualifying Laboratory Evidence

### Confirmatory

- Positive serologic EIA **and** IgM immunoblot (western blot) within 30 days of illness onset **OR**
- Positive serologic EIA **and** IgG immunoblot (western blot) **OR**
- Isolation of *B. burgdorferi* or *B. mayonii* in culture **OR**
- Detection of *B. burgdorferi* or *B. mayonii* in a clinical specimen by a *B. burgdorferi* group-specific NAAT assay **OR**
- Detection of *B. burgdorferi* group-specific antigens by immunohistochemical assay on biopsy or autopsy tissues

### Presumptive

- Positive serologic IgG immunoblot (western blot) without EIA

