

Borrelia mayonii Spirochetes Observed on Blood Smear

B. mayonii is a relatively new species of Lyme causing pathogen that has only been detected in the Upper Midwest of the United States. It is considered a rare cause of Lyme disease and may frequently go undetected.



Mayo laboratories recently observed that spirochetes of the pathogen *Borrelia mayonii* can occasionally be visualized on routine blood smears, much like spirochetes of the Tick-Borne Relapsing Fever group. *B. mayonii* spirochetes are found at high levels in peripheral blood, whereas *B. burgdorferi* spirochetes are not. This understanding may raise awareness and recognition of the Lyme disease causing bacterium, and could lead to more consistent and accurate diagnosis of this cause of Lyme disease.

[Read full article here](#)

[Read more LDA articles on Lyme disease here](#)