



## Enhanced Assay for Lyme Disease IgM / IgG Antibodies

Laboratory Alliance of Central New York is pleased to announce that, effective 02/22/2021, Lyme IgM/IgG antibodies are measured using an enhanced assay. In addition to capturing antibodies against variable major protein-like sequence (VlsE), the enhanced assay now captures antibodies against outer surface protein (OspC).

VlsE antigens produce a strong antibody response at all stages of Lyme disease, including during the early stage, and they are expressed in *B. burgdorferi* and *B. garinii*. The OspC is an immunodominant antigen of the IgM response during early-stage infection. The OspC antigen is a recombinant protein from *B. afzelii* and shares a high degree of homology with the *B. burgdorferi*.

The order codes and specimen requirements have not changed.

For questions about the Lyme Disease IgM/IgG Antibodies assay, please contact Bodhraj Acharya, Ph.D., MT(ASCP), Manager, Chemistry and Referral Testing, at 315-410-7028 or [BodhrajAcharya@lacny.com](mailto:BodhrajAcharya@lacny.com).