

Early Lyme disease detection

June 2023—Zeus Scientific has introduced the Zeus *Borrelia* Modified Two-Tiered Testing (MTTT) algorithm, an FDA-cleared all-ELISA algorithm designed to improve the detection of early Lyme disease by up to 30 percent compared with the standard two-tiered testing algorithm. It replaces a second-tier immunoblot with a second Zeus ELISA methodology to provide additional supportive evidence of infection. The company offers two algorithms: Zeus *Borrelia* MTTT-1 uses the Zeus ELISA *Borrelia* VlsE1/pepC10 IgG/IgM test system as a first-tier test followed by the Zeus *B. burgdorferi* IgG/IgM test system; Zeus *Borrelia* MTTT-2 uses the Zeus ELISA *Borrelia* VlsE1/pepC10 IgG/IgM test system as a first-tier test followed by the Zeus *B. burgdorferi* IgG test system and Zeus *B. burgdorferi* IgM test system.

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