The TKPNL includes PCR tests for Babesia species, Anaplasma phagocytophilum, Ehrlichia species, and Borrelia miyamotoi.

In place of the PCR panel, PCR tests for the individual organisms and/or smear for Babesia species can be ordered based on the suspected organism(s).

PCR testing of blood may be useful for detection of Borrelia mayonii (patients with exposure to ticks in Minnesota or Wisconsin).

See Lyme Neuroborreliosis Diagnostic Algorithm for more information.