

Case ID: 6668767

Hello Dr Samuels,

I am calling to refer a client to infectious disease for a possible tickborne illness for evaluation and treatment. The client is a 52-year-old male who came into the clinic for a tick bite that occurred while he was on a recent trip. He is an avid outdoors man with a hunting and wildlife TV show. For this show he travels all over, including to different countries. He was recently camping and hunting in Colorado and Wyoming for the past several weeks. The client has had a history of Lyme's disease in the past, that he says he was treated for. On the physical exam, a low-grade fever of 99.9F was noted, along with a small erythematous circular rash on his right lower lateral extremity. All other vitals were stable; heart and lungs were unremarkable. We did get some lab work done. The labs include:

Borreliosis – Lyme's disease:

- IGX and CDC criteria were negative
- Bands 31 was positive, typically bands 31 & 34 are present in individuals who are Lyme vaccinated

Lyme immunoblot IgM speciation:

- Were all

negative Lyme

immunoblot IgG

- Bands 23 & 28 were both positive, however the IGX and CDC criteria was

negative TBRF (tick-borne relapsing fever) borrelia immunoblot IgM:

- B. miyamotoi – indeterminate
- The rest were negative

Babesia immunoblot IgM:

- Negative

Ehrlichiosis:

- HME IFA IgM: <20 negative
- HME IFA IgG: <40

negative Anaplasmosis:

- HGA IFA IgM: 160 indicates active infection
- HGA IFA IgG: <40 negative