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**Lab Dept:** Serology

**Test Name:** BABESIA MICROTI IgG ANTIBODY

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***General Information***

**Lab Order Codes:** BMG1

**Synonyms:** N/A

**CPT Codes:** 86753 – Protozoa antibody, NOS

**Test Includes:** Babesia microti Ab IgG reported as a titer.

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***Logistics***

**Test Indications:**

**Lab Testing Sections:** Serology - Sendouts

**Referred to:** Mayo Medical Laboratories (MML Test: BABG)

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 1 – 3 days, test performed Monday – Friday

**Special Instructions:** N/A

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***Specimen***

**Specimen Type:** Blood

**Container:** SST (Gold, marble or red) tube

**Draw Volume:** 1.5 mL (Minimum: 0.45 mL) blood

**Processed Volume:** 0.5 mL (Minimum: 0.15 mL) serum

**Collection:** Routine blood collection

**Special Processing:** Lab Staff: Centrifuge specimen, remove serum aliquot into a screw-capped round bottom plastic vial. Serum gel tube is acceptable, but specimen must be poured off. Store and ship at refrigerated temperatures. Forward promptly.

**Patient Preparation:** None

**Sample Rejection:** Unlabeled or mislabeled specimens; gross lipemia; gross hemolysis

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***Interpretive***

**Reference Range:**

Titer: IgG	<1:64
<b>Interpretation:</b> A positive result of an indirect fluorescent antibody test (titer > or =1:64) suggests current or previous infection with Babesia microti. In general, the higher the titer, the more likely it is that the patient has an active infection. Patients with documented infections have usually had titers ranging from 1:320 to 1:2,560.	

**Critical Values:** N/A

**Limitations:** N/A

**Methodology:** Immunofluorescence Assay (IFA)

**References:** [Mayo Medical Laboratories](#) September 2018

**Updates:**  
7/18/2011: Updated reference range for Babesia microti IgG. Previously listed as <1:16.  
8/21/2017: MML previously forwarded to Focus Diagnostics, updated to Quest.  
9/24/2018: Mayo is no longer offering IgM testing. Updated specimen volumes.