
Lab Dept: Serology

Test Name: BABESIA MICROTI IgG ANTIBODY

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.

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

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

Interpretive

Reference Range:

Titer: IgG	<1:64
Interpretation: 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.