ARUP LABORATORIES | *A nonprofit enterprise of the University of Utah and its Department of Pathology*

Effective Date: May 15, 2023

## TEST CHANGE

### Babesia microti Antibodies, IgG and IgM by IFA

0093048, BAB MIC AB

| | |
|---|---|
| Specimen Requirements: | |
| Patient Preparation: | |
| Collect: | Serum Separator Tube (SST). |
| Specimen Preparation: | Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP standard transport tube. ~~Standard Transport Tube.~~ (Min: 0.4~~2~~ mL) Parallel testing is preferred, and convalescent specimens must be received within 30 days from receipt of the acute specimens. Mark specimens plainly as "acute" or "convalescent." |
| Transport Temperature: | Refrigerated. |
| Unacceptable Conditions: | Bacterially contaminated, hemolyzed or lipemic specimens. |
| Remarks: | |
| Stability: | After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles) |
| Methodology: | Semi-Quantitative Indirect Fluorescent Antibody (IFA) |
| Performed: | Mon, Wed, Sat |
| Reported: | 1-5 days |
| Note: | |
| CPT Codes: | 86753 x2 |
| New York DOH Approval Status: | This test is New York DOH approved. |

Interpretive Data:

~~This test was developed and its performance characteristics de~~
~~has not been cleared or approved by the US Food and Drug Adn~~
~~performed in a CLIA certified laboratory and is intended for clin~~

| Component | Interpretation |
|---|---|
| Babesia microti Antibody, IgG by IFA | < 1:16 Negative - No significant level of detectable Babesia IgG antibody. 1:16 Equivocal - Repeat testing in |

**Inserted Cells**

| | |
|---|---|
| | 10-14 days may be helpful. > 1:16 Positive - IgG antibody to Babesia detected, which may indicate a current or past infection. |
| Babesia microti Antibody, IgM by IFA | < 1:20 Negative - No significant level of detectable Babesia IgM antibody. 1:20 Equivocal - Repeat testing in 10-14 days may be helpful. > 1:20 Positive - IgM antibody to Babesia detected, which may indicate a current or recent infection. |

Reference Interval:

| Test Number | Components | Reference Interval |
|---|---|---|
| | Babesia microti IgG | Less than 1:16 |
| | Babesia microti IgM | Less than 1:20 |