Babesia microti IgM and IgG Antibodies IFA
Test Code: 401400P

Tests in this Panel
Babesia microti IgM IFA
Babesia microti IgG IFA

Clinical and Procedure
Clinical Utility
*Babesia microti* IgG and IgM assays are used to detect infection of the tick-borne protozoan *Babesia microti*, specifically in cases of diagnostic uncertainty or suspected chronic infection. The assays are performed by indirect fluorescent antibody (IFA) methods. Titer values above the reference intervals are considered evidence of current (IgG or IgM) or past (IgG) infection.

Procedure
Human IgG and IgM antibodies to *Babesia microti* (B. microti) antigens are detected by indirect fluorescent antibody (IFA) assay. Briefly, a slide well coated with fixed, infected red blood cells are incubated with diluted human serum. If specific *B. microti* antibodies are present, they remain bound, are then labeled by an antibody conjugate and finally detected by fluorescence microscopy.

Specificity
Sera from patients shown to have been infected by other tick-borne pathogens, *Babesia duncani*, *Rickettsia rickettsii* and *Borrelia burgdorferi*, were screened and found negative by the *B. microti* IgG IFA.

Turnaround Time
1-5 business days from receipt of specimen

Specimen Information

<table>
<thead>
<tr>
<th>Specimen Type</th>
<th>Order Code</th>
<th>CPT Code</th>
<th>NY Approved</th>
<th>Volume</th>
<th>Assay Range</th>
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<tr>
<td>serum</td>
<td>401400P</td>
<td>86753</td>
<td>Yes</td>
<td>2 mL (min. 0.1 mL)</td>
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Special Instructions
- Collect 4-5 mL whole blood in red top tube.
- Centrifuge and transfer 2 mL serum to sterile, screw top tube.
- Can be shipped at ambient or frozen temperature Monday through Friday.
- Specimens shipped at ambient temperature must be received within 96 hrs. of collection.

Shipping
Ship Monday through Friday. Friday shipments must be labeled for Saturday delivery. All specimens must be labeled with patient's name and collection date. A Viracor Eurofins test requisition form must accompany each specimen. Ship specimens FedEx Priority Overnight to: Viracor Eurofins, 1001 NW Technology Dr, Lee's Summit, MO 64086.

Causes for Rejection
Specimens beyond their acceptable length of time from collection as listed in the specimen handling, or specimen types other than those listed.

Disclaimer
Specimens are approved for testing in New York only when indicated in the Specimen Information field above.

The CPT codes provided are based on Viracor Eurofins' interpretation of the American Medical Association's Current Procedural Terminology (CPT) codes and are provided for informational purposes only. CPT coding is the sole responsibility of the billing party. Questions regarding coding should be addressed to your local Medicare carrier. Viracor Eurofins assumes no responsibility for billing errors due to reliance on the CPT codes illustrated in this material.

References