



MAYO
Mayo Medical Laboratories
1-800-533-1710

NEW TEST ANNOUNCEMENT
MML NEW ENGLAND
NOTIFICATION DATE: April 30, 2014
EFFECTIVE DATE: June 03, 2014

***BABESIA* SPECIES MOLECULAR DETECTION, PCR, BLOOD**
Test ID: LBAB

USEFUL FOR: An initial screening method for suspected babesiosis during the acute febrile stage of infection in patients from endemic areas, especially when Giemsa-stained peripheral blood smears do not reveal any organisms or the organism morphology is inconclusive.

METHODOLOGY: Real-Time Polymerase Chain Reaction (PCR)/DNA Probe Hybridization

REFERENCE VALUES: Negative

SPECIMEN REQUIREMENTS:

Container/Tube: Lavendar top (EDTA)
Specimen Volume: 1 mL
Minimum Volume: 0.3 mL

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Whole Blood EDTA	Refrigerated (preferred)	7 days
	Frozen	7 days

CAUTIONS:

- While this assay is designed to detect symptomatic infection with *Babesia microti*, *Babesia duncani* and *Babesia divergens*/MO-1, it may detect low-grade asymptomatic parasitemia in individuals in babesiosis-endemic areas. Thus, it should be used for patients with a clinical history and symptoms consistent with babesiosis.
- Inadequate specimen collection or improper storage may invalidate test results.
- This is a qualitative assay and the results are reported either as negative or positive for each targeted *Babesia* species DNA.

CPT CODE: 87798

DAY(S) SET UP: Monday through Friday; 1st shift **ANALYTIC TIME:** Same day/1 day

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Brandon DeBoom, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710