

Tick-Borne Disease Antibodies Panel, Serum

Test ID: TICKS

Explanation: Due a to nationwide *babesia* reagent supply issue, Tick-Borne Disease Antibodies Panel, Serum will become non-orderable effective immediately. There is no 1:1 *Babesia* antibody referral test available through Mayo Clinic Laboratories during this test down. For acute detection of suspected babesiosis, please consider molecular testing. Panel test can be completed using a combination of the recommended alternatives below. An update will be provided when testing resumes.

Recommended Alternative Test:

Babesia species, Molecular Detection, PCR, Blood

Test ID: BABPB

Methods:

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

Reference Values:

Negative (Reference values apply to all ages)

Specimen Requirements:

Container/Tube: Lavender top (EDTA)

Specimen Volume: 1 mL

Collection Instructions: Send whole blood specimen in original tube. **Do not aliquot.**

Minimum Volume: 0.5 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Whole Blood EDTA	Refrigerated	7 days

CPT Code:

87798 x2

87469

87999 (if appropriate for government payers)

Day(s) Performed: Monday through Saturday

Report Available: 1 to 4 days

Ehrlichia Antibody Panel, Serum

Test ID: EHRCP

Profile Information:

Test ID	Reporting Name	Available Separately	Always Performed
ANAP	Anaplasma phagocytophilum Ab, IgG,S	Yes	Yes
EHRC	Ehrlichia Chaffeensis (HME) Ab, IgG	Yes	Yes

Methods:

Immunofluorescence Assay (IFA)

Reference Values:

ANAPLASMA PHAGOCYTOPHILUM

<1:64

Reference values apply to all ages.

EHRlichia CHAFFEENSIS

<1:64

Reference values apply to all ages.

Specimen Requirements:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 0.5 mL

Specimen Minimum Volume: 0.4 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	14 days
	Frozen	14 days

CPT Code:

86666 x 2

Day(s) Performed: Monday through Friday

Report Available: 1 to 3 days

Lyme Disease Serology, Serum

Test ID: LYME

Profile Information:

Test ID	Reporting Name	Available Separately	Always Performed
LYWB	Lyme Disease Ab, Immunoblot, S	Yes	No

Methods:

Enzyme-Linked Immunosorbent Assay (ELISA)

Reference Values:

Negative

Reference values apply to all ages.

Specimen Requirements:

Supplies:	Sarstedt Aliquot Tube 5 mL (T914)
Preferred:	Serum gel
Acceptable:	Red top
Submission Container/Tube:	Plastic vial
Specimen Volume:	0.5 mL
Specimen Minimum Volume:	0.4 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	10 days
	Frozen	30 days

CPT Code:

86618

86617 x 2-Lyme disease confirmation (if appropriate)

Day(s) Performed: Monday through Friday

Report Available: 1 to 4 days

Questions

Contact Dunisha Messmer, Laboratory Technologist Resource Coordinator at 800-533-1710.