

Reporting Title: Tick-Borne Ab Panel, S**Performing Location:** Rochester**Ordering Guidance:**

During the acute phase of an *Anaplasma phagocytophilum*, *Ehrlichia chaffeensis* or *Babesia* infection, serologic tests are often nonreactive; polymerase chain reaction (PCR) testing is available to aid in the diagnosis of these cases; see TIKLB / Tick-Borne Panel, Molecular Detection, PCR, Blood.

Specimen Requirements:

Supplies: Sarstedt Aliquot Tube, 5 mL (T914)

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 1 mL

Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

Specimen Minimum Volume:

See Specimen Required

Forms:

If not ordering electronically, complete, print, and send 1 of the following with the specimen:

-Infectious Disease Serology Test Request (T916)

-General Test Request (T239)

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	10 days	
	Frozen	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
81478	Ehrlichia Chaffeensis (HME) Ab, IgG Also used by tests: EHRC	Alphanumeric	titer	47405-6

Result ID	Reporting Name	Type	Unit	LOINC®
81157	Anaplasma phagocytophilum Ab, IgG,S Also used by tests: ANAP	Alphanumeric	titer	23877-4
81128	Babesia microti IgG Ab, S Also used by tests: BABG	Alphanumeric	titer	16117-4
LYME	Lyme Disease Serology, S Also used by tests: LYME	Alphanumeric		20449-5

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
EHRC	Ehrlichia Chaffeensis (HME) Ab, IgG			Yes	Yes
ANAP	Anaplasma phagocytophilum Ab, IgG,S			Yes	Yes
BABG	Babesia microti IgG Ab, S			Yes	Yes
LYME	Lyme Disease Serology, S			Yes	Yes

CPT Code Information:

86618
86666 x 2
86753
86617 x 2-Lyme disease Western blot (if appropriate)

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
LYWB	Lyme Disease Ab, Immunoblot, S			No	Yes

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
LYWB	5744	IgG Immunoblot	Alphanumeric		6320-6
LYWB	2992	IgG detected against:	Alphanumeric	kDa	13502-0
LYWB	23931	IgM Immunoblot	Alphanumeric		6321-4
LYWB	23932	IgM detected against:	Alphanumeric	kDa	13503-8
LYWB	6241	Interpretation	Alphanumeric		12781-1

Reference Values:

Ehrlichia chaffeensis (HME) ANTIBODY, IgG
<1:64
Reference values apply to all ages.

Anaplasma phagocytophilum ANTIBODY, IgG
<1:64
Reference values apply to all ages.

Babesia microti IgG ANTIBODIES
<1:64
Reference values apply to all ages.

LYME DISEASE SEROLOGY
Negative
Reference values apply to all ages.