

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.

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®
81157	Anaplasma phagocytophilum Ab, IgG,S	Alphanumeric	titer	23877-4
81128	Babesia microti IgG Ab, S	Alphanumeric	titer	16117-4
81478	Ehrlichia Chaffeensis (HME) Ab, IgG	Alphanumeric	titer	47405-6
LYME	Lyme Disease Serology, S	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	Available Separately
EHR	Ehrlichia Chaffeensis (HME)	1	86666	Yes	Yes

C	Ab, IgG				
ANA P	Anaplasma phagocytophilum Ab, IgG,S	1	86666	Yes	Yes
BAB G	Babesia microti IgG Ab, S	1	86753	Yes	Yes
LYM E	Lyme Disease Serology, S	2-Lyme disease confirmation (if appropriate)	86618	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	Available Separately
LYWB	Lyme Disease Ab, Immunoblot, S	1	86617	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.

