

NEW TEST – Available Now

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Tickborne Disease Antibodies Panel

3006367, TICK PAN

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube (SST) or plain red.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 3 mL serum to an ARUP standard transport tube. (Min: 1.6 mL)

Transport Temperature: Preferred transport temp: Refrigerated. Also acceptable: Frozen

Unacceptable Conditions: CSF or plasma. Contaminated, heat-inactivated, hemolyzed, icteric, or severely lipemic specimens.

Remarks:

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 10 days; Frozen: 1 month (avoid repeated freeze/thaw cycles)

Methodology: Semi-Quantitative Indirect Fluorescent Antibody (IFA)/Semi-Quantitative Enzyme-Linked Immunosorbent Assay (ELISA)/Qualitative Immunoblot

Performed: Mon-Fri

Reported: 1-5 days

Note: If VlsE1/pepC10 antibodies by ELISA is 0.91 IV or greater, then IgG and IgM by Immunoblot will be added. Additional charges apply.

CPT Codes: 86753; 86666 x2; 86618; if reflexed, add 86617 x2

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Refer to report.

Reference Interval:

Test Number	Components	Reference Interval
	Ehrlichia chaffeensis Antibody, IgG	Less than 1:64
	A. Phagocytophilum Antibody, IgG	Less than 1:80
	Babesia microti IgG	Less than 1:16
	B. burgdorferi VlsE1/pepC10 Abs, ELISA	0.90 IV or less
	B. burgdorferi VlsE1/pepC10 Abs, ELISA	

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.