

TEST CHANGE

Coxiella burnetii (Q-Fever) Antibody IgG, Phase I and II with Reflex to Titer

2012625, QF G 1/2

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube (SST).

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP [standard transport tube](#). ~~Standard Transport Tube~~. (Min: 0.43 mL) Parallel testing is preferred and convalescent specimens must be received within 30 days from receipt of the acute specimens. Mark specimens plainly as "acute" and "convalescent."

Transport Temperature: Refrigerated.

Unacceptable Conditions: Contaminated, hemolyzed, or severely lipemic specimens.

Remarks:

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)

Methodology: Semi-Quantitative Indirect Fluorescent Antibody [\(IFA\)](#)

Performed: Mon, Wed, Fri

Reported: 1-6 days

Note: If either C. Burnetii Abs IgG Phase I and/or Phase II result is indeterminate or positive, then titer(s) will be added. Additional charges apply.

CPT Codes: 86638 x2; if reflexed add 86638 per titer

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

Interpretive Data:

Single phase II IgG titers of 1:256 and greater are considered evidence of *C. burnetii* infection at some time prior to the date of the serum specimen. Phase I antibody titers of 1:16 and greater are consistent with chronic infection or convalescent phase of Q-fever.

Reference Interval:

| Test Number | Component | Reference Interval |
|-------------|--|--------------------|
| | C. burnetii (Q-Fever) Ab, Phase I IgG | Negative |
| | C. burnetii (Q-Fever) Ab, Phase II IgG | Negative |