MAYO CLINIC LABORATORIES

NEW TEST

Notification Date: November 3, 2026
Effective Date: December 3, 2026

Q Fever IgM and IgG, Titer, Serum

Test ID: QFP

Note: This test was previously only available as a reflex to test ID QFEVR

Useful for:
Diagnosis of *Coxiella burnetii*, the causative agent of Q fever

Methods:
Indirect Immunofluorescence

Reference Values:
Q fever phase I antibody, IgG
<1:16

Q fever phase II antibody, IgG
<1:16

Q fever phase I antibody, IgM
<1:16

Q fever phase II antibody, IgM
<1:16

Specimen Requirements:

Supplies:	Sarstedt Aliquot Tube, 5 mL (T914)
Preferred:	Serum Gel
Acceptable:	Red Top
Specimen Volume:	0.5 mL
Collection Instructions:	Centrifuge and aliquot serum into a plastic vial.
Minimum Volume:	0.25 mL

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Specimen Stability Information:

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	7 days
	Frozen	7 days

Cautions:

Serologic responses are time dependent. Specimens collected too early in the disease may not have detectable antibody levels. A second specimen collected 2 to 3 weeks may be necessary to detect antibody.

Low level positive titers (ie, <1:256) may remain for prolonged periods of time following resolution of disease.

CPT Code:

86638 x 4

Day(s) Performed: Monday through Saturday **Report Available:** Same day/1 to 3 days

Note:

The following test code(s) will become obsolete.

Test Name	Test ID
Q Fever Antibody Screen with Titer Reflex, Serum	QFEVR

Questions

Contact Kristin Dragomir-Daescu, Laboratory Resource Coordinator at 800-533-1710.

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