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**Reporting Title:** Coxiella burnetii (Q fever) PCR**Performing Location:** Rochester**Necessary Information:**

Specimen source is required.

**Specimen Requirements:**

The high sensitivity of amplification by polymerase chain reaction requires the specimen to be processed in an environment in which contamination of the specimen by Coxiella burnetii DNA is unlikely.

Submit only 1 of the following specimens:

Specimen Type: Fresh tissue or biopsy

Sources: Lung, bone, liver, heart valve, aorta, or endocardium

Container/Tube: Sterile container

Specimen Volume: Entire collection or 5 mm(3) - approximately the size of a pencil eraser

Collection Instructions:

1. Collect fresh tissue specimen.
2. Submit tissue only, do not add fluid to tissue
3. Refrigerate or freeze specimen.

Specimen Stability Information: Refrigerated (preferred) <7 days/ Frozen <7 days

Preferred Paraffin-embedded tissue block:

Specimen Type: Formalin-fixed, paraffin-embedded tissue block (FFPE)

Sources: Lung, bone, liver, heart valve, aorta, or endocardium

Supplies: Tissue Block Container (T553)

Container/Tube: Tissue block

Collection Instructions: Submit a formalin-fixed, paraffin-embedded tissue block to be cut and returned.

Specimen Stability Information: Ambient (preferred)/Refrigerated

Acceptable Paraffin-embedded tissue block:

Specimen Type: Formalin-fixed, paraffin-embedded tissue block (FFPE)

Sources: Lung, bone, liver, heart valve, aorta, or endocardium

Container/Tube: Sterile container for each individual cut section (scroll).

Collection Instructions: Perform microtomy and prepare 5 separate 10-micron sections. Each section (scroll) must be placed in a separate sterile container for submission.

Specimen Stability Information: Ambient (preferred)/Refrigerated

**Specimen Minimum Volume:**

Fresh tissue or biopsy: 5 mm(3)

Paraffin-embedded tissue block: two 10-micron sections

**Forms:**

If not ordering electronically, complete, print, and send a Microbiology Test Request (T244) with the specimen.

| Specimen Type | Temperature | Time | Special Container |
|---------------|-------------|------|-------------------|
| Varies        | Varies      |      |                   |

**Ask at Order Entry (AOE) Questions:**

| Test ID | Question ID | Description     | Type       | Reportable |
|---------|-------------|-----------------|------------|------------|
| CBRP    | SRCQF       | Specimen Source | Plain Text | Yes        |

**Result Codes:**

| Result ID | Reporting Name        | Type         | Unit | LOINC®  |
|-----------|-----------------------|--------------|------|---------|
| SRCQF     | Specimen Source       | Alphanumeric |      | 31208-2 |
| 62193     | Coxiella burnetii PCR | Alphanumeric |      | 90442-5 |

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

87798

**Reference Values:**

Not applicable