
Reporting Title: Coccidioides PCR**Performing Location:** Rochester**Additional Testing Requirements:**

This test should always be performed in conjunction with fungal culture; order FGEN / Fungal Culture, Routine.

Shipping Instructions:

Specimen must arrive within 7 days of collection; specimen >7 days will be rejected.

Necessary Information:

[Specimen source is required.](#)

Specimen Requirements:

The high sensitivity of amplification by polymerase chain reaction (PCR) requires the specimen to be processed in an environment in which contamination of the specimen by *Coccidioides* species DNA is unlikely.

Preferred Specimens: Body fluid, cerebrospinal fluid (CSF), ocular fluid, respiratory (eg, bronchoalveolar lavage [BAL], bronchial washing, sputum), fresh tissue, or bone

Acceptable Specimens: If no fresh specimen is available, digested respiratory specimens treated with N-acetyl-L-cysteine-sodium hydroxide (NALC/NaOH) are acceptable (eg, BAL, bronchial washing, respiratory fluid, sputum, or tracheal secretion)

Submit only 1 of the following specimens:

Specimen Type: Body fluid

Sources: Body, ocular, or CSF

Container/Tube: Sterile container

Specimen Volume: 1 mL

Additional Information: Only fresh, non-NALC/NaOH-digested body fluid is acceptable.

Specimen Type: Respiratory

Sources: BAL, bronchial washing, or sputum

Container/Tube: Sterile container

Specimen Volume: 1 mL if only PCR ordered or 3 mL if PCR ordered with smear and culture

Specimen Type: Tissue

Sources: Fresh tissue or bone

Container/Tube: Sterile container

Specimen Volume: 5 to 10 mm

Collection Instructions: Keep moist with sterile water or sterile saline

Additional Information: Only fresh, non-NALC/NaOH-digested tissue is acceptable.

Acceptable

Specimen Type: NALC/NaOH-digested respiratory specimens

Sources: BAL, bronchial washing, respiratory fluid, sputum, or tracheal secretion

Container/Tube: Sterile container

Specimen Volume: 2 mL

Collection Instructions:

- 1. Submit digested specimen treated with NALC/NaOH.
- 2. Clearly indicate on container and order form that specimen is a digested specimen.

Forms:

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

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated (preferred)	7 days	
	Frozen	7 days	

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
CIMRP	SRC64	Coccidioides PCR, Specimen Source	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
SRC64	Coccidioides PCR, Specimen Source	Alphanumeric		31208-2
88804	Coccidioides PCR, Result	Alphanumeric		97916-1

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87798

Reference Values:

Not applicable