

TEST STATUS - NEW TEST**Notification Date:** 2/26/2025**Effective Date:** 3/5/2025**Test Name: *Pneumocystis jirovecii* by PCR****Test ID:** LAB6778**Explanation:** This test is a new EPIC orderable for *Pneumocystis jirovecii* by PCR testing sent to ARUP vs Miscellaneous Reference Test.**Useful For:** This test detects *Pneumocystis jirovecii* and is the preferred test for immunocompromised patients who do not have HIV.**Methodology:** Qualitative Polymerase Chain Reaction (PCR)**Reference Interval:** Detected; Not detected**Specimen Requirements:**

| | |
|---------------------------------------|---|
| Specimen Type: | Respiratory specimen: Brochoalveolar lavage (BAL), bronchial wash or induced sputum (Specimen source is required) |
| Alternate Specimen: | Expectorated sputum is acceptable but not preferred |
| Container/Tube: | Sterile container |
| Specimen Preparation: | Transfer 2 mL respiratory specimen to a sterile container or transfer to viral transport media |
| Specimen Volume: | 2 mL (minimum 0.5 mL) |
| Pediatric Collection: | Same as above |
| Storage/Transport Temperature: | Frozen |

Specimen Stability Information:

| Specimen Type | Temperature | Time |
|----------------------|--------------------|-------------|
| Respiratory specimen | Ambient | 48 hours |
| Respiratory specimen | Refrigerated | 1 week |
| Respiratory specimen | Frozen | 1 month |

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Reasons for Rejection: Improper specimen type; Improper specimen collection including lack of patient identification; Insufficient sample volume; Improper specimen transport or storage

Recommendations: See the above indications.

CPT Code(s): 87594

Days(s) Performed: Mon, Wed, Fri

Report Available: 1-5 days

Questions: Please get in touch with Vanderbilt Medical Laboratories Customer Service at 615-875-5227 (5-LABS) or 800-551-5227 or visit our website: [Home | Vanderbilt Medical Laboratories \(vumc.org\)](#)