

Overview

Method Name

Limulus Amebocyte Lysate (LAL) Pathway

NY State Available

Yes

Specimen

Specimen Type

Bronchial Washing

Specimen Required

Collect 1-3 mL Bronchial Wash in a sterile screw top tube, ship frozen.

Specimen Minimum Volume

0.5 mL

Reject Due To

Hemolysis	Mild reject; Gross reject
Lipemia	Mild reject; Gross reject
Icterus	Mild reject; Gross reject
Other	Non screw top tube

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Bronchial Washing	Frozen (preferred)	30 days	
	Ambient	4 days	
	Refrigerated	7 days	

Clinical & Interpretive

Clinical Information

The Fungitell Beta α -D Glucan assay detects (1,3) α -D Beta-D-glucan from the following pathogens: Candida spp., Acremonium, Aspergillus spp., Coccidioides immitis, Fusarium spp., Histoplasma capsulatum, Trichosporon spp., Sporothrix schenckii, Saccharomyces cerevisiae, and Pneumocystis jiroveci.

The Fungitell Beta-D Glucan assay does not detect certain fungal species such as the genus *Cryptococcus*, which produces very low levels of (1,3) - β Beta-D-glucan, nor the Zygomycetes, such as *Absidia*, *Mucor*, and *Rhizopus*, which are not known to produce (1,3) - β Beta-D-glucan. Studies indicate *Blastomyces dermatitidis* is usually not detected due to little (1,3) - β Beta-D-glucan produced in the yeast phase.

Reference Values

A reference range for specimens other than serum has not been established.

Interpretation

The performance characteristics of the Fungitell assay in bronchial wash have been determined by Viracor-IBT Laboratories; there are no established criteria for the interpretation of Fungitell results from bronchial wash fluid. Research studies have evaluated the use of the Fungitell assay in BAL in both immunocompromised patients (*Mycopathologia* (2013) 175:33-41) and acute eosinophilic pneumonia (*Chest* (2013) 123:1302-1307).

Performance

PDF Report

No

Day(s) Performed

Monday through Saturday

Report Available

1 to 6 days

Performing Laboratory Location

Eurofins Viracor

Fees & Codes

Fees

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

CPT Code Information

87449

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
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FUNBW	Fungitell, bronch wash	Not Provided
Result ID	Test Result Name	Result LOINC® Value
FUNBW	Fungitell, bronch wash	Not Provided