

Overview

Method Name
Limulus Amebocyte Lysate (LAL) Pathway

NY State Available
Yes

Specimen

Specimen Type
Lavage

Specimen Required
Specimen Type: BAL
Sources: Bronchoalveolar lavage
Container/Tube: Sterile container
Specimen Volume: 1 – 3 mL
Note: 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	NA

Specimen Stability Information

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

Clinical & Interpretive

Clinical Information

The Fungitell Beta (1,3) -D Glucan assay detects (1,3) -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) -D Beta-D-glucan, nor the Zygomycetes, such as Absidia, Mucor, and Rhizopus, which are not known to produce (1,3) -D Beta-D-glucan. Studies indicate Blastomyces dermatitidis is usually not detected due to little (1,3) -D 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 BAL have been determined by Viracor-Eurofins; there are no established criteria for the interpretation of Fungitell results from BAL 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 (2003) 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
FUNBL	Fungitell, BAL	Not Provided

Result ID	Test Result Name	Result LOINC® Value
FUNBL	Fungitell, BAL	Not Provided