

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	Frozen (preferred)	30 days	
	Ambient	4 days	
	Refrigerated	7 days	

Clinical & Interpretive

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### Clinical Information

The Fungitell Beta  $\alpha$  D Glucan assay detects (1,3)  $\alpha$  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)  $\alpha$  Beta-D-glucan, nor the Zygomycetes, such as *Absidia*, *Mucor*, and *Rhizopus*, which are not known to produce (1,3)  $\alpha$  Beta-D-glucan. Studies indicate *Blastomyces dermatitidis* is usually not detected due to little (1,3)  $\alpha$  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