

## 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-D Glucan assay detects (1,3)-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) α-D-glucan, nor the Zygomycetes, such as *Absidia*, *Mucor*, and *Rhizopus*, which are not known to produce (1,3) α-D-glucan. Studies indicate *Blastomyces dermatitidis* is usually not detected due to little (1,3) α-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
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Result ID	Test Result Name	Result LOINC® Value
FUNBW	Fungitell, bronch wash	Not Provided