



Test Definition: FUNBW

Fungitell, bronch wash

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

| | | |
|-------|------------------------|--------------|
| FUNBW | Fungitell, bronch wash | Not Provided |
|-------|------------------------|--------------|

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