MAYO CLINIC LABORATORIES

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

FUNBW	Fungitell, bronch wash	Not Provided

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