

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.

Reject Due To

Hemolysis	Mild reject; Gross reject
Lipemia	Mild reject; Gross reject
Icterus	Mild reject; Gross reject
Other	Non screw top tube

Specimen Minimum Volume

0.5 mL

Specimen Stability Information

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

Performing Laboratory Location

Eurofins Viracor

Fees & Codes**Test Classification****CPT Code Information**

87449

LOINC® Information

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

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