

Fungitell (1,3)-Beta-D-Glucan

Order Name: **Fungitell**
 Test Number: 5522825
 Revision Date: 09/24/2024

TEST NAME	METHODOLOGY	LOINC CODE
Fungitell (1,3)-Beta-D-Glucan	Protease Zymogen-Based Colorimetric Assay	42176-8

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	2 mL (0.5 mL)	Serum	Clot Activator SST	Frozen
Alternate 1	2 mL (0.5 mL)	Bronchial lavage/wash	Sterile Orange Screwtop Container	Frozen
Alternate 2	2 mL (0.5 mL)	CSF (Cerebrospinal Fluid)	Sterile Screwtop Container	Frozen
Instructions	Specimen Type: Serum from Gel-barrier tube, CSF (Cerebrospinal Fluid) or Bronchoalveolar lavage (BAL), sterile container Specimen Storage: FREEZE Specimen Collection: (1). Avoid exposure of specimen to atmosphere to prevent environmental contamination of the sample. (2) Centrifuge and send entire specimen in original collection tube. Do not aliquot or open tube. The serum can be decanted into a suitable container that is free of interfering levels of (1-3)-B-D-glucan; however, the use of pour-off tubes is not recommended due to the potential for environmental contamination of the sample that can lead to false positive results. Serum samples which are transferred to sterile, leak-proof containers should be handled in a sterile cabinet. NOTE: If freezing sample, do not transfer to standard transfer tube. Specimen must be collected and frozen in plastic SST PS#39999. Cause for Rejection: Grossly hemolyzed, lipemic, icteric samples, and Red Top tubes. For BAL and bronchial was, do not ship samples in universal transport media. Specimen Stability: Ambient: 4 days, Refrigerated : 7 days, Frozen: 30 days Testing referred to KSL Diagnostics Inc AMENY#302			

GENERAL INFORMATION

Expected TAT	4-7 Days
Clinical Use	Clinical relevance: The Fungitell test is indicated for presumptive diagnosis of fungal infection and should be used in conjunction with other diagnostic procedures. The test detects 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. This test does not detect certain fungal species such as Cryptococcus, which produce extremely low levels of (1,3)-beta-D-glucan. This test will not detect the zygomycetes, such as Absidia, Blastomyces, Mucor, and Rhizopus, which are not known to produce (1,3)-beta-D-glucan. In addition, the yeast phase of Blastomyces dermatitidis produces little (1,3)-beta-D-glucan and may not be detected by the assay.
Service Provided By	 labcorp Oklahoma, Inc.