

**Reporting Title:** Fungitell Assay

**Performing Location:** Beacon Diagnostics Laboratory A Division of Assoc. of Cape Cod, Inc.

**Specimen Requirements:**

Draw blood in a plain, red-top or serum gel tube(s). Spin down and send 0.5 mL of serum refrigerated.

NOTE: GLASS tubes are unacceptable.

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	
	Frozen	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
Z0111	Fungitell Assay	Alphanumeric	pg/mL	62468-4
Z0110	Comments	Alphanumeric		In Process

**CPT Code:** 1 x 87449

**Reference Values:**

Negative: Less than 60 pg/mL

Indeterminate: 60-79 pg/mL

Positive: Greater than or equal to 80 pg/mL

Note: The Fungitell assay is indicated for presumptive diagnosis of fungal infection. It should be used in conjunction with other diagnostic procedures. The Fungitell assay does not detect certain fungal species such as the genus *Cryptococcus*, which produces very low levels of (1-3)-B-D-Glucan. This assay also does not detect the *Zygomycetes*, such as *Absidia*, *Mucor*, and *Rhizopus* which are not known to produce (1-3)-B-D-Glucan.

Serum glucan concentrations greater than or equal to 80 pg/mL are interpreted as a positive result. A positive result means that (1-3)-B-D-Glucan was detected in the serum sample submitted. A positive result does not define the presence of disease and should always be used in conjunction with other clinical findings to establish a diagnosis.

The Fungitell assay detects (1-3)-B-D-Glucan regardless of its origin. Therapeutic interventions should be evaluated for their potential to contribute to serum burdens of (1-3)-B-D-Glucan. Special care should be taken in patient sample handling so as to avoid the introduction of contaminant (1-3)-B-D-Glucan. The presence in a patient sample of (1-3)-B-D-Glucan from a source other than fungal infection could cause a positive assay result that is inconsistent with the patient's clinical condition.

Test Performed By: Beacon Diagnostics Laboratory



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