

Patient ID SA00121773	Patient Name TESTING, SFUNG	Birth Date 1965-05-23	Gender M	Age 54
Order Number SA00121773	Client Order Number SA00121773	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 25 Jul 2019 16:00		

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

Fungitell Quantitative Value

 **81 pg/mL**
Abn

SDI

Reference Value
<60 pg/mL

undergone hemodialysis, treatment with certain fractionated blood products (e.g., serum albumin, immunoglobulins), and/or those who have had significant exposure to glucan-containing gauze during surgery.

Fungitell Qualitative Result

 **Positive**
Abn

SDI

Reference Value
Negative

This assay does not detect certain fungi, including *Cryptococcus* species, which produce very low levels of (1, 3) Beta-D-Glucan (BDG) and the *Zygomycetes* (e.g., *Absidia*, *Mucor* and *Rhizopus*), which are not known to produce BDG. Additionally, the yeast phase of *Blastomyces dermatitidis* produces little BDG and may not be detected by this assay.

ADDITIONAL INFORMATION

This assay was performed using the FDA-cleared Fungitell Assay (Associates of Cape Cod, East Falmouth, MA, USA), a kinetic ELISA based on modification of the *Limulus Amebocyte Lysate* pathway.

Received: 26 Jul 2019 11:59

Reported: 26 Jul 2019 12:01

(1, 3) Beta-D-Glucan detected. A single positive result should be interpreted with caution and correlated alongside consideration of patient risk for invasive fungal disease, results of routine laboratory tests (e.g., bacterial and fungal culture, histopathologic evaluation, etc.) and radiologic findings. Repeat testing on a new sample (collected in 3–4 days) is recommended as serially positive samples are associated with a higher diagnostic odds ratio for invasive fungal infection compared to a single positive result.

False positive results may occur in patients who have recently

Performing Site Legend

Code	Laboratory	Address
SDI	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55901