

**CLINIC INFORMATION**

Name: Streamline Pathology Laboratory  
 Address: 2868 Acton Road Suite 207 BIRMINGHAM, AL 35243  
 Provider: Test, Doctor MD

**PATIENT INFORMATION**

Name: PATIENT, TEST  
 DOB: 6/30/1980 Sex: M  
 Phone: (205)332-3160  
 Address: 2868 ACTON ROAD VESTAVIA, AL35243

**SPECIMEN INFORMATION**

Lab Accession Number: S-08232210339  
 Date Collected: 08/22/22 12:00:00 AM  
 Date Accessioned: 08/23/2022  
 Date Reported: 08/23/2022  
 Faxed to: 18777966185

**Controls**

|  |      |
|--|------|
| Patient Extraction Control <sup>1</sup>  | PASS |
| Endogenous Positive Control <sup>1</sup> | PASS |
| Pathogen Positive Control <sup>2</sup>   | PASS |
| Pathogen Negative Control <sup>3</sup>   | PASS |

- (1) Endogenous control confirms sample collection, DNA/RNA extraction, and assay enzyme activity
- (2) Positive control is synthetic inactive pathogen
- (3) Negative Control contains primers, probe, and enzymes with no DNA/RNA template
- (4) A "Detected" result indicates the presence of a pathogen (99.99% confidence) above the assay cutoff.

| Test Performed                        | Lab Result (4)<br>(Qualitative Low/Medium/High) | DNA Copy<br>Number           | Comments |
|---------------------------------------|---|------------------------------|----------|
| <b>SUMMARY Fungal Infection Panel</b> |   | <b>Collection Type: Swab</b> |          |
| Meyerozyma guilliermondii             | DETECTED - MEDIUM                               | 1.00E+03                     |          |
| Trichosporon spp.                     | DETECTED - HIGH                                 | 1.00E+06                     |          |

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| Test Performed                   | Lab Result (4)<br>(Qualitative Low/Medium/High) | DNA Copy<br>Number           | Comments   |
|----------------------------------|---|------------------------------|--|
| <b>Fungal Infection Panel</b>    |   | <b>Collection Type: Swab</b> |  |
| Alternaria spp.                  | Not Detected                                    | Not Detected                 |  |
| Aspergillus spp.                 | Not Detected                                    | Not Detected                 |  |
| Candida albicans                 | Not Detected                                    | Not Detected                 |  |
| Candida glabrata                 | Not Detected                                    | Not Detected                 |  |
| Candida krusei                   | Not Detected                                    | Not Detected                 |  |
| Candida parapsilosis             | Not Detected                                    | Not Detected                 |  |
| Candida tropicalis               | Not Detected                                    | Not Detected                 |  |
| Cryptococcus spp.                | Not Detected                                    | Not Detected                 |  |
| Curvularia spp.                  | Not Detected                                    | Not Detected                 |  |
| Epidermophyton floccosum         | Not Detected                                    | Not Detected                 |  |
| Fusarium spp.                    | Not Detected                                    | Not Detected                 |  |
| Malassezia spp.                  | Not Detected                                    | Not Detected                 |  |
| <b>Meyerozyma guilliermondii</b> | <b>DETECTED - MEDIUM</b>                        | <b>1.00E+03</b>              |  |
| Microsporum canis                | Not Detected                                    | Not Detected                 |  |
| Sarocladium strictum             | Not Detected                                    | Not Detected                 |  |
| Scytalidium dimidiatum           | Not Detected                                    | Not Detected                 |  |
| Trichophyton anthropophilic spp. | Not Detected                                    | Not Detected                 | [08/23/22] Targets: T. rubrum, T. violaceum, T. soudanense, T. concentricum and other species  |
| Trichophyton zoophilic spp.      | Not Detected                                    | Not Detected                 | [08/23/22] Targets: T. mentagrophytes, T. interdigitale (anthropophilic but related to T. mentagrophytes), T. tonsurans (anthropophilic but related to T. equinum), T. verrucosum, T. simii, T. benhamiae, T. equinum, and other species |
| <b>Trichosporon spp.</b>         | <b>DETECTED - HIGH</b>                          | <b>1.00E+06</b>              |  |

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Test results must be evaluated with clinical symptoms to diagnose disease. All tests established and validated by Laboratory and not FDA approved unless otherwise indicated.

Methodology statement: Real-time PCR assays are designed to detect pathogens with clinical significance and analytical sensitivity and specificity greater than 99%.

Limitations: While these assays are very sensitive and specific, theoretically these assays could detect pathogens not listed, resulting in a false positive.

In addition, while these assays are very specific, there may be target pathogen sequences with unknown sequence variability which may not be detected, resulting in a false negative result.