

CLINIC INFORMATION

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

PATIENT INFORMATION

Name: test, copia01
 DOB: 9/9/1998 Sex: F
 Phone: (555) 555-5555
 Address: 12345 anywhere st
 BIRMINGHAM, AL 35243 U.S.A.

SPECIMEN INFORMATION

Lab Accession Number: ASL-04202100468
 Date Collected: 4/20/2021
 Date Accessioned: 4/20/2021
 Date Reported: 4/20/2021
 Faxed to: 18777966185

Controls

Patient Extraction Control ¹	PASS
Endogenous Positive Control ²	PASS
Pathogen Positive Control ³	PASS
Pathogen Negative Control ³	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) (Qualitative Low/Medium/High)	DNA Copy Number	Comments
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SUMMARY Fungal Infection Panel w/ Bacterial Add-On			Collection Type: Nail Specimen
Trichophyton zoophilic spp.	DETECTED - HIGH	1.00E+05	Includes interdigitale and tonsurans

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Lab Director: Ty Thomas, MD

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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.

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Fungal Infection Panel w/ Bacterial Add-On

Alternaria spp.	Not Detected	Not Detected	
Aspergillus spp.	Not Detected	Not Detected	
Fusarium spp.	Not Detected	Not Detected	
Scytalidium dimidiatum	Not Detected	Not Detected	
Sarocladium strictum	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	
Malassezia spp.	Not Detected	Not Detected	
Meyerozyma guilliermondii	Not Detected	Not Detected	
Trichophyton anthropophilic spp.	Not Detected	Not Detected	Does not include interdigitale and tonsurans
Trichophyton zoophilic spp.	DETECTED - HIGH	1.00E+05	Includes interdigitale and tonsurans
Microsporum canis	Not Detected	Not Detected	
Pseudomonas aeruginosa	Not Detected	Not Detected	
mecA (Methicillin/Oxacillin resistance)	Not Detected	Not Detected	

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