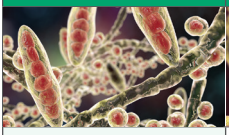
NAIL FUNGAL PANEL

ANALYTICAL SENSITIVITY AND SPECIFICITY OF OUR TEST >99%

Dermatophytic fungi	Saprophytic fungi	Candida genus
		
Epidermophyton floccosum Microsporum spp Trichophyton mentagrophytes Trichophyton rubrum Trichophyton violaceum	Acremonium strictum Aspergillus fumigatus Aspergillus niger Aspergillus terreus Aspergillus versicolor	Candida albicans Candida krusei Candida parapsilosis Candida tropicalis

Highly sensitive PCR-based test determines the genetic identity of pathogens impacting nail health.

NAIL FUNGAL SPECIFICATIONS

✓	Identifies 16 pathogens associated with nail infections
✓	Easy-to-interpret, concise, actionable reporting
✓	Rapid turnaround time
✓	Covered by most insurances

Premier Genomics uses a quantitative PCR DNA amplification technique for the most accurate results with a 3-5 day TAT.

NAIL FUNGAL TESTING PROCESS

THE PROCESS	The collection procedure is simple and requires one nail clipping. FedEx will pick up your patient samples and deliver them directly to our lab (detailed instructions are included in each kit).
THE TURNAROUND TIME	3 to 5 business days
THE REPORT	Upon completion of DNA extraction and evaluation at our advanced laboratory facility, a comprehensive report is generated and uploaded to a secure portal with dedicated physician log-in and downloading capabilities. Physician-to-physician consultation is also available upon request.

Talk to your representative or visit our website for our full catalog of genetic testing solutions.

PREMIER GENOMICS
INFECTIOUS DISEASE

Premier Genomics | www.PremierGx.com | dnatest@premiergx.com
250 Ed English Drive, Building 3, Unit D, Shenandoah, TX 77385
CLIA-certified, CAP-accredited clinical laboratory

NAIL FUNGAL PANEL TEST RESULTS AND INTERPRETATION

Type	Organism Tested	Result	Interpretation
Dermatophytic fungi	Epidermophyton floccosum	Negative	A probe directed at a genetic sequence that is unique to this target failed to be detected, indicating that the organism is not present in the sample. No clinical action suggested.
	Microsporum spp	Negative	A probe directed at a genetic sequence that is unique to this target failed to be detected, indicating that the organism is not present in the sample. Microsporum species tested include: M. canis, M. gypseum, and M. audouinii. Other Microsporum species will not be detected. No clinical action suggested.
	Trichophyton mentagrophytes	Positive*	Trichophyton mentagrophytes was detected with a probe directed at a genetic sequence that is unique to this target. T. mentagrophytes is a frequent cause of onychomycosis, Tinea capitis (scalp ringworm), and Tinea corporis (ringworm). PMID: 24364524
	Trichophyton rubrum	Positive*	Trichophyton rubrum was detected with a probe directed at a genetic sequence that is unique to this target. T. rubrum is a common agent of superficial fungal infection in North America, and is the most common cause of both primary and secondary onychomycosis. PMID: 16804437
	Trichophyton violaceum	Positive*	Trichophyton violaceum was detected with a probe directed at a genetic sequence that is unique to this target. T. violaceum is a common anthropophilic dermatophyte that can cause Tinea capitis (scalp ringworm) and Tinea corporis (ringworm) and occassionally onychomycosis. PMID: 11737692
Saprophytic fungi	Acremonium strictum	Negative	A probe directed at a genetic sequence that is unique to this target failed to be detected, indicating that the organism is not present in the sample. No clinical action suggested.
	Aspergillus fumigatus	Negative	A probe directed at a genetic sequence that is unique to this target failed to be detected, indicating that the organism is not present in the sample. No clinical action suggested.
	Aspergillus niger	Negative	A probe directed at a genetic sequence that is unique to this target failed to be detected, indicating that the organism is not present in the sample. No clinical action suggested.
	Aspergillus terreus	Negative	A probe directed at a genetic sequence that is unique to this target failed to be detected, indicating that the organism is not present in the sample. No clinical action suggested.
	Aspergillus versicolor	Negative	A probe directed at a genetic sequence that is unique to this target failed to be detected, indicating that the organism is not present in the sample. No clinical action suggested.
Candida	Candida albicans	Negative	A probe directed at a genetic sequence that is unique to this target failed to be detected, indicating that the organism is not present in the sample. No clinical action suggested.
	Candida krusei	Negative	A probe directed at a genetic sequence that is unique to this target failed to be detected, indicating that the organism is not present in the sample. No clinical action suggested.
	Candida parapsilosis	Negative	A probe directed at a genetic sequence that is unique to this target failed to be detected, indicating that the organism is not present in the sample. No clinical action suggested.
	Candida tropicalis	Negative	A probe directed at a genetic sequence that is unique to this target failed to be detected, indicating that the organism is not present in the sample. No clinical action suggested.