



ADVANCED GENOMICS
Innovative Diagnostics

NAIL FUNGAL PANEL

COLLECTION INSTRUCTIONS

281-888-5158

info@advancedgenomics.care

10750 Hammerly Blvd
#120
Houston, Texas 77043

www.advancedgenomics.care

MATERIALS PROVIDED

- 1 Sterile Transport Container
- 1 Specimen Bag
- 1 UPS/FedEx Clinical Pak & Label

SPECIMEN HANDLING

- Use freshly collected specimens for optimal test performance.
- Direct Nail plate or bed specimens collected by self or physician (>3 mm²)
- Specimens can be stored at room temperature and shipped the same date as collected.
- If a delay in sample processing is expected, store nail specimens refrigerated and ship the next day.
- If collections are done on Friday, refrigerate the samples, and ship on Monday with ice packs.

SPECIMEN REJECTION

- Specimens not collected or shipped as instructed.
- Incomplete specimen labeling or documentation.
- Inappropriate specimen type.
- Received specimen in laboratory after 5 days from collection.

TESTS INCLUDED

Fungi

Trichophyton spp
Sarcocladium strictum
NeoScytalidim d/h
Aspergillus
Scopulariopsis Brevicaulis
Geotrichum candidum
Curvularia spp
Microsporum audouinii/canis
Candida spp
Fusarium Solani
Alternaria
Trichosporon
Epidermophyton Floccosum
Cryptococcus
Neofusicoccum mangiferae



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Collect affected nail(s) and paronychia soft tissue/debris samples using standard aseptic/sterile technique.

Patient Instructions for Collecting a Nail Fungal Sample

Additional Items You Will Need:

- Nail clippers or scissors (sterilized)
- Alcohol wipes or rubbing alcohol and cotton balls

1. Preparing for the Sample Collection:

- Wash Your Hands:** Thoroughly wash your hands with soap and warm water to minimize contamination of the sample.
- Clean Your Nail:** Use an alcohol wipe to clean the nail that will be sampled. Allow it to air dry.
- Label Your Container:** Clearly write your name, date, and any other information required by your healthcare provider on the container or bag.

2. Collecting the Sample:

- Trim the Nail:** Using the sterilized clippers or scissors, carefully trim a small piece of the affected nail. If possible, include parts that look most affected by the fungus.
- Place the Sample in the Sterile Container:** Transfer the nail clipping into the labeled, clean sterile container without touching the inside of the container or the lid.
- Seal the Sterile Container:** Ensure the container is tightly sealed to prevent contamination or loss of the sample.

After Collecting the Sample:

- 1. Wash Your Hands Again:** This helps prevent the spread of the fungus.
- 2. Return the Sample:** Return the nail sample to the healthcare provider or laboratory as instructed.



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Physician Instructions

Additional Supplies Needed:

- Sterilized nail clippers or scissors
- Alcohol wipes

Collecting the Sample:

1. Prepare the Area: Use an alcohol wipe to clean the nail and surrounding skin. Allow it to air dry.

2. Collect the Sample:

- Using sterilized nail clippers or scissors, clip a small portion of the affected nail. Aim to collect parts of the nail that exhibit the most fungal growth.
- If possible, scrape some debris from underneath the nail bed, as it may also contain fungal elements.
- Collection of BOTH nail material and periungual material maximizes diagnostic yield and ensures that pathogenic fungi are detected.

3. Handling the Sample:

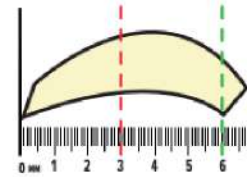
- Place the nail clipping and any debris into a labeled, sterile container. Ensure the container is only opened briefly to place the sample inside and then sealed immediately.
- Label the container with patient information, date, and any other pertinent details.

4. Tips for Best Results

- Do not submit specimen if your patient is undergoing antifungal therapy. Wait 7 days after topical treatment. Wait 60 days after systemic treatment.
- Do not use nail or skin softener.
- Do not place a patient in a betadine whirlpool.
- Do not submit initial distal nail clippings.
- Do not submit specimen in formalin.

IMPORTANT

Minimum 3mm Best 6mm+



Enlarged for detail



Actual Size