NAIL FUNGAL

(PCR) Assays are the most commonly used molecular technique to detect and study microbes. As compared to other methods, real time PCR and analysis are definitive, reliable, accurate, and fast. OmniHealth Diagnostics uses the most advanced leading edge technology to perform infectious Diseases testing.

TEST INCLUDES

- Alternaria spp.
- Aspergillus flavus
- Curvularia lunata
- C. albicans
- C. glabrata
- C. kruseii
- C. parapsilosis
- C. tropicalis
- Trichophyton rubrum
- Trichosporon mucoides
- Malassezia globosa
- Trichophyton interdigitale/mentagrophyte
- Microsporum canis/audouinii/ferrugineum
- Epidermophyton floccosum
- Microsporum gypseum

EXPECTED TURN AROUND TIME

2-3 Days

SPECIMEN

Nail Clipping

VOLUME

3-5 mm in length

CONTAINER

10 mL Yellow Cap Tube

COLLECTION

Collect affected nail(s) and paronychial soft tissue/debris samples using standard aseptic/sterile technique currently in use at your practice. For nail clippers utilized directly from an autoclave pouch, no sterile saline rinse is required prior to nail clipping. For nail clippers which have been autoclaved, and then placed in a cold, sterile holding container, rinse clippers with sterile saline prior to clipping nails. ***Do NOT use an alcohol-based or other disinfectant wipe on affected area prior to sample collection.*** *This could preclude identification of important pathogenic microbes, which might be present in the site's "bio-film."*

- Clip affected nail(s). Collect clippings on sterile gauze/paper or equivalent.
- Cut intact nail(s) into sections approximately 3-5mm in length.
- Transfer nail(s) to provided transport tube.
- Using an appropriately sized sterile surgical blade, scrape affected subungual/periungual debris/tissue from the site directly into the transport tube (or collect on sterile gauze/paper, and then transfer to transport tube).
  - **Collection of BOTH nail material and periungual material maximizes diagnostic yield and ensures that both pathogenic fungi and pathogenic bacteria are detected.**
- Securely tighten the tube top.
- Place a label containing two patient identifiers on the tube
- Place tube in the specimen bag.

STORAGE/TRANSPORT INSTRUCTIONS

- Place all samples collected for the day into a provided UPS/FedEx Lab Pak mailer. Seal the mailer and place a shipping label on the outside.

STABILITY

5 Days

REJECTION REASONS

- There are not two patient identifiers that match the requisition form on the tube.
- Insufficient Volume
- Anything other than the nail clipping is inside the tube.
- Samples are received at the lab later than 30 calendar days after the date of specimen collection.