

# DermaGenius® 3.0 **Nail**

Multiplex real-time PCR kit

Detection and identification of dermatophyte infections in nail samples.



## Features & benefits

- Aids in the diagnosis of dermatophytosis (superficial fungal infections)
- Detects 100% and identifies > 95% of the clinically most relevant dermatophytes
- Detection in nail samples
- Sample-to-result in less than 3 hours
- Higher sensitivity: up to 20% more positive samples compared to culture
- Dermatophytes species identification, enabling:
  - Targeted treatment
  - Identification of source of infection
  - Outbreak management
- Simple and fast DNA extraction kit available (20 minutes)

# Products & targets

## Product

### **PN-302 DermaGenius® 3.0 Nail Multiplex kit (50 rxn)**

#### Targets identified

- *Trichophyton rubrum*
- *Trichophyton interdigitale*
- *Candida albicans*
- *Candida parapsilosis*
- *Scopulariopsis brevicaulis*
- Internal Control (IC)

#### DNA extraction kit (sold separately)

### **PN-502 PathoNostics Extraction kit (50 rxn)**

DNA extraction from nail, hair, skin samples in 20 minutes

- Solution A (lysis buffer)
- Solution B (neutralization buffer)

#### Real-time PCR instruments (validated)

- LightCycler 480 II (Roche)
- Rotor-Gene Q (Qiagen)
- CFX96 (Biorad)
- Quantstudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyler (Bio Molecular Systems)

#### Diagnostic specimens

- Nail samples
- Culture

#### Quality

- Validated on clinical samples
- Internal Control (IC) included
- Positive Control (PCs) included
- Validated on EQA programmes of QCMD
- **€2797** IVD

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