

DermaGenius[®] 2.0

Multiplex real-time PCR kit

Detection and identification of dermatophyte infections in nail, hair and skin samples.



Features & benefits

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

PathoNostics[®]

Products & targets

Product

PN-301 DermaGenius® 2.0 Nail multiplex kit (50 rxn)

Targets

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

Product

PN-401 DermaGenius® 2.0 Complete multiplex kit (50 rxn) kit

Targets

- *Candida albicans*
- *Trichophyton mentagrophytes*
- *Trichophyton interdigitale*
- *Trichophyton rubrum / soudanense*
- *Trichophyton tonsurans*
- *Trichophyton violaceum*
- *Microsporum canis*
- *Microsporum audouinii*
- *Epidermophyton floccosum*
- *Trichophyton benhamiae*
- *Trichophyton verrucosum*
- Internal Control (IC)

DNA extraction kit

PN-502 Extraction kit (50 rxn)

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

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

Dermatophyte test panel

PN-506 Dermatophyte test panel (5 rxn/target)

For verification of the DermaGenius® 2.0 multiplex kits

- 11 dermatophyte targets
- 1 yeast target

Real-time PCR instruments (validated)

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

Diagnostic specimens

- Nail, hair and skin samples
- Paraffin embedded samples (FFPE)

Quality

- Validated on clinical samples
- Internal Control (IC) included
- Positive Controls (PCs) included
- Validated on EQA programmes of QCMD
- **CE**-IVD marked

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