PATHOMOSTICS



DermaGenius[®]: Multiplex real-time PCR assays for the detection and identification of fungal infections of nail, hair and skin

Overview

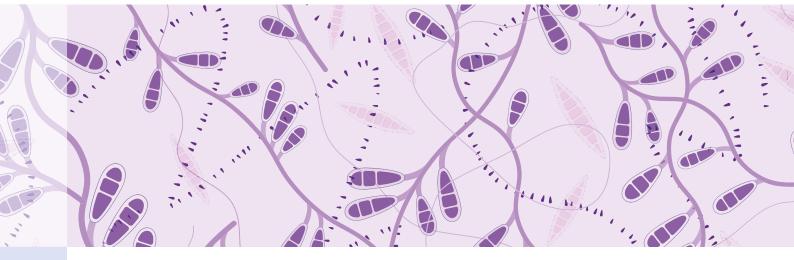
DermaGenius® multiplex real-time PCR assays identify the most prevalent fungal infections in nail, hair and skin samples



within 2,5 hours. A semi-automated DNA-extraction is recommended in the procedure to ensure efficiency with limited hands-on time. The procedure from sample to diagnosis can be implemented by a routine molecular diagnostic laboratory and is suitable for high-throughput screening.

DermaGenius® assays are separately available as Nail and Complete multiplex products.

The DermaGenius® multiplex PCR assays are suitable for real-time PCR instruments using melting curve analysis and have been validated on LightCycler 480 II (Roche) and Rotor-Gene Q (Qiagen).



Products

DermaGenius® Nail multiplex kit (PN-003) – 50 reactions

Detection and differentiation of
 C.albicans and Trichophyton species

DermaGenius® Complete multiplex kit

(PN-004) - 50 reactions

- Detection and differentiation of
 C.albicans and Trichophyton species
- Detection and differentiation of
 Microsporum species and E.floccosum

Targets

Nail multiplex kit

- Candida albicans
- Trichophyton mentagrophytes
- Trichophyton interdigitale
- Trichophyton rubrum

Complete multiplex kit

- Candida albicans
- Trichophyton mentagrophytes
- Trichophyton interdigitale
- Trichophyton rubrum
- Trichophyton tonsurans

- Trichophyton soudanense
- Trichophyton violaceum
- Microsporum canis
- Microsporum audouinii
- Epidermophyton floccosum

Diagnostic specimens

- Nail, hair and skin samples

Quality

- Validated on fungal cultures
- Validated on clinical nail, hair and skin samples
- **C**€-IVD marked

Features and benefits

- Identification of the most clinically prevalent fungal infections directly in nail, hair and skin samples
- Diagnosis within 2,5 hours after nucleic acid extraction
- Nucleic acid extraction procedure recommended
- Internal Control (IC) included
- Positive controls included