

Information

always your partner

Clinically Oriented Dermatophyte Diagnostics

DermaGenius® 3.0 Complete RT-PCR

Specific detection of fungi and dermatophytes:

- > C. albicans
- > S. brevicaulis
- > T. interdigitale /T. mentagrophytes (incl. T. indotinea)
- > T. rubrum /T. soudanense
- > T. tonsurans
- > T. benhamiae*
- > M. canis
- > E. floccosum
- > C. parapsilosis
- > T. quinckeanum /T. schoenleinii
- > T. mentagrophytes ITS type 4
- > T. violaceum
- > T. verrucosum
- > M. audouinii
- > N. gypsea

Using an additional pan-dermatophyte probe, almost all dermatophytes can be detected non-specifically.

*T. benhamiae var. luteum (yellow) and T. benhamiae white (now T. europaeum) are detected.

DermaGenius® Resistance RT-PCR

Detection of terbinafine resistances in native patient material. The test detects resistance-causing mutations on the squalene epoxidase gene, and additionally relevant Trichophyton strains.

Specific detection of mutations and Trichophyton species:

- > **SQL E mutations:** Leu393Phe, Phe397Leu, Leu393Ser, Phe397Ile, Phe397Val
- > T. interdigitale /T. mentagrophytes (incl. T. indotinea)
- > T. rubrum/T. soudanense
- > T. tonsurans
- > T. quinckeanum /T. schoenleinii
- > T. mentagrophytes ITS type 4
- > T. violaceum

Validated on various RT-PCR cyclers:

- > LightCycler 480 II (Roche)
- > CFX96 (Biorad)
- > Quantstudio 5 (Thermo Fisher Scientific)
- > Mic qPCR Cycler (Bio Molecular Systems)
- > CFX Opus 96 (Biorad)
- > Rotor-Gene Q (Qiagen)

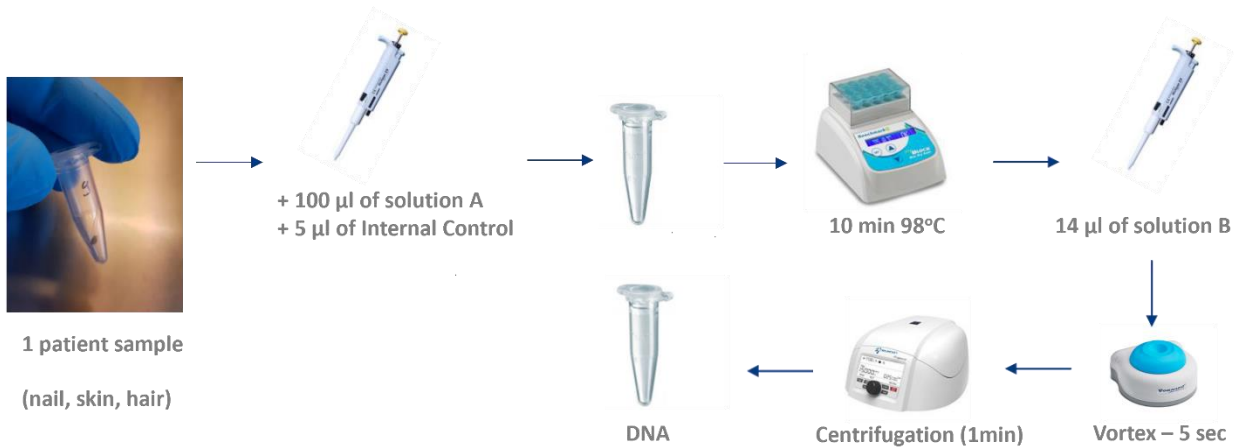
Set of devices customized for medical practice laboratories:

- > space saving, storable in drawers
- > maintenance-free

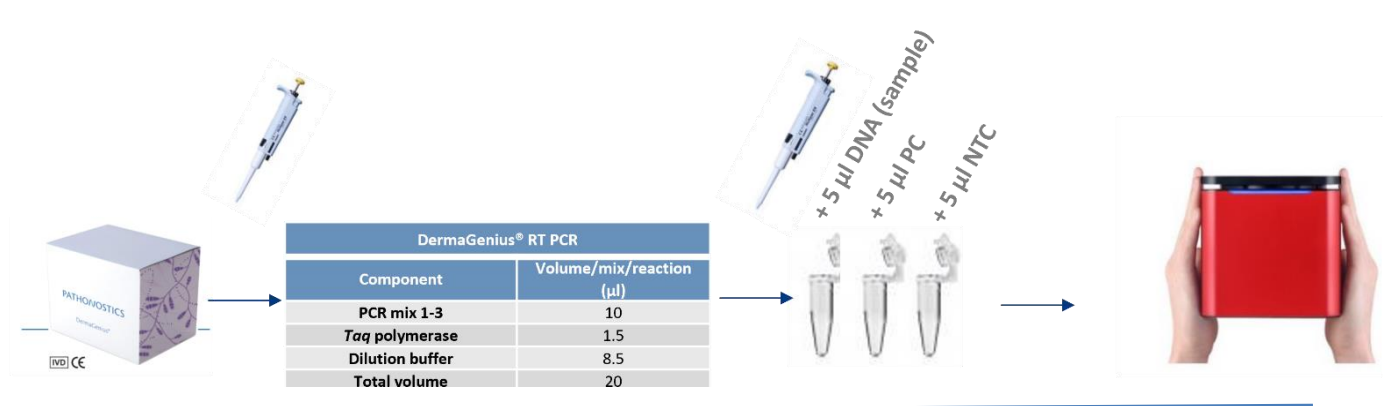
Unique: CE-IVD certified kits for extraction and RT-PCR testing

Efficient Testing Procedures

PathoNostics DNA Extraction: Extraction Procedure



DermaGenius® 3.0 Complete / Resistance RT-PCR: Test Procedure



DermaGenius® 3.0 Complete RT-PCR (CE-IVD)
Product no.: PN-402

DermaGenius® Resistance RT-PCR (CE-IVD)
Product no.: PN-303

PathoNostics Extraction kit (CE-IVD)
Product no.: PN-502

PathoNostics Color Calibration Kit (RUO) for LightCycler 480 II and Quantstudio 5
Product no.: PN-507

Für weitere Informationen wenden Sie sich bitte an:

For further information please contact:

Pour plus d'information, veuillez contacter:

www.tecomedical.com



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