

EurobioPlex

DermaScreen & DermaTyping

High-Performance. Simple. Cost-Effective.
Real-time PCR tests for screening and
differentiation of dermatophytes

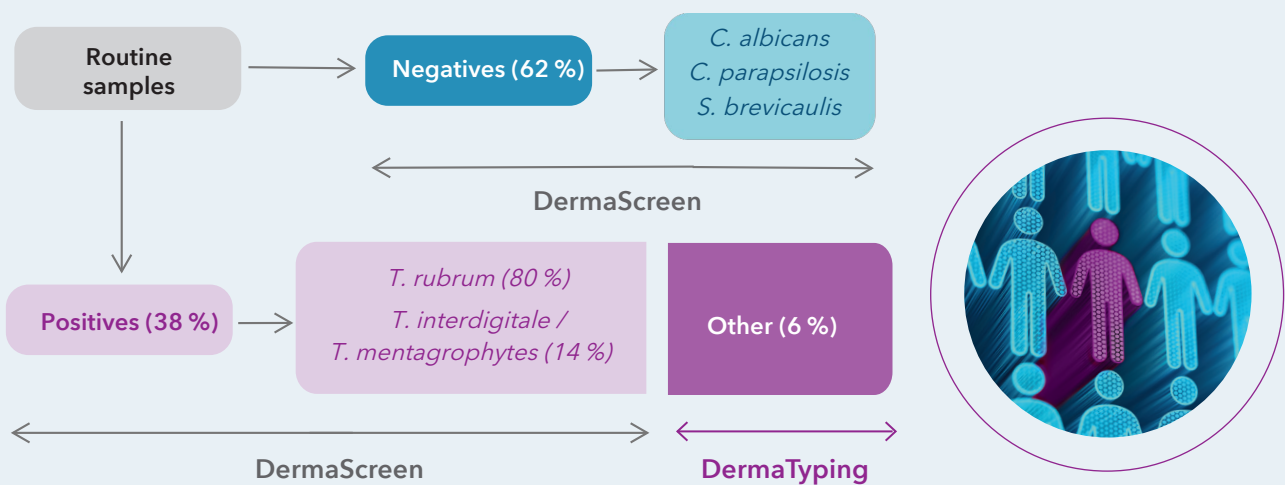


Optimize testing costs and efficiency with

EurobioPlex DermaScreen PCR and EurobioPlex DermaTyping PCR

Current testing systems for the molecular identification of dermatophytes are costly and time-consuming. Only 38% of routine samples test positive, and of these, 94% are *T. rubrum* and *T. interdigitale* / *T. mentagrophytes*^{1,2,3}. Only 6% of positive samples warrant further testing using a broad panel of assays.

Our concept: screen first, identify only if necessary.



THE BENEFITS

- + Cost-effective screening with EurobioPlex DermaScreen to effectively identify both negative and positive samples, whilst specifically detecting the most common dermatophytes and other fungi
- + High-performance identification with EurobioPlex DermaTyping to also detect rare dermatophytes of clinical significance, including *T. indotineae*

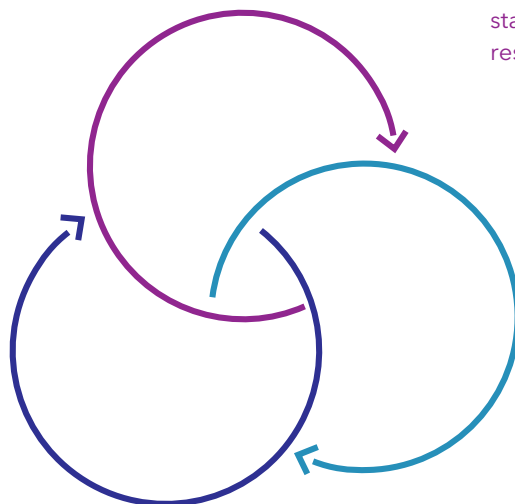
Cost-effective screening test BroI_fIMibuABoj^P`obbk	Efde*mboc lo j ^k`b^fabkqcf^ ^qf l k^qbpq BroI_fIMibuABoj^Qvmfkd
• Pan-Derma "probe" for the general differentiation of positive and negative samples for dermatophytes • <i>T. rubrum</i> • <i>T. interdigitale</i> / <i>T. mentagrophytes</i> • <i>C. albicans</i> • <i>C. parapsilosis</i> • <i>S. brevicaulis</i>	• <i>T. indotineae</i> • <i>T. tonsurans</i> • <i>T. benhamiae</i> • <i>T. violaceum</i> • <i>T. verrucosum</i> • <i>E. floccosum</i> • <i>M. audouinii</i> • <i>M. canis</i> • <i>N. gypsea</i>

Detect dermatophytes effectively and accurately, taking into account real-world conditions

EurobioPlex DermaScreen and EurobioPlex DermaTyping simplify the testing workflow and save time and money while ensuring test reliability.

HIGH-PERFORMANCE screening

Routine screening of samples with DermaScreen, followed if necessary by differentiation with DermaTyping



SIMPLIFIED handling

Reduced pipetting and standardized interpretation of results without melt curve analysis

COST-EFFECTIVE use

Lower analysis and personnel costs, along with time savings thanks to a simplified test



RAPID EXTRACTION

- DermaXtract extraction kit with ready-to-use reagents
- DNA extraction in 20 minutes
- Equivalent to other extraction methods



EFFICIENT SCREENING OF ALL SAMPLES

- Real-time PCR with DermaScreen
- PCR workflow with results in 65 minutes
- DermaTyping real-time PCR only when necessary



COST-EFFECTIVE USE

- Easy-to-use (no melt curve analysis required)
- Reduced personnel costs thanks to a staffing requirement of only approx. 40 minutes
- Time savings

References

- ¹ Gamage H, Sivanesan P, Hitler U-C, Elsner P, Wiegand C. Superficial fungal infections in the department of dermatology, University Hospital Jena: A 7-year retrospective study on 4556 samples from 2007 to 2013. *Mycoses*. 2020; 63: 558-565. <https://doi.org/10.1111/myc.13077>
- ² S. Uhrlaß; D. Koch; H. Mütze; M. Müller; C. Krüger; P. Nenoff
First results from the application of the real-time PCR test for dermatophyte detection in comparison to fungal culture under routine conditions in Germany (2023), Abstracts. *Mycoses*, 66: 3-42. <https://doi.org/10.1111/myc.13645>, PI-22
- ³ Sacheli R, Cuypers L, Seidel L, Darfouf R, Adjetey C, Lagrou K, Hayette MP. Epidemiology of Dermatophytes in Belgium: A 5 Years' Survey. *Mycopathologia*. 2021 Jun;186(3):399-409. doi: 10.1007/s11046-021-00542-4. Epub 2021 Apr 26. Erratum in: *Mycopathologia*. 2021 Dec;186(6):897. doi: 10.1007/s11046-021-00590-w. PMID: 33900539.

 For further information, please refer to the relevant user manual

Catalogue References

Reference	Description	Pkg
EBX-073-50	EurobioPlex RT PCR kit - DermaScreen (-T.interdigitale; T.rubrum; Pan-derma - C.albicans; C.parapsilosis; S.brevicaulis) - IVDR	50
EBX-073-100	EurobioPlex RT PCR kit - DermaScreen (-T.interdigitale; T.rubrum; Pan-derma - C.albicans; C.parapsilosis; S.brevicaulis) - IVDR	100
EBX-074-25	EurobioPlex RT PCR kit - DermaTyping	25
EBX-074-50	EurobioPlex RT PCR kit - DermaTyping	50
EBX-074-100	EurobioPlex RT PCR kit - DermaTyping	100
EBE-077-50	EurobioPlex RT PCR extraction kit - DermaXtract - IVDR	50
EBE-077-100	EurobioPlex RT PCR extraction kit - DermaXtract - IVDR	100

eurobio bmd

Noorderlaan 139 - 2030 Antwerp
Phone: +32 (0)3 546 39 80

Mail: info@bmd.be
www.bmd.be



 **Eurobio Scientific SA**
7, avenue de Scandinavie
ZA de Courtaboeuf
91940 Les Ulis, France
Phone: +33 1 69 79 64 80
reglementaire@eurobio-scientific.com
www.eurobio-scientific.com

