



# EUROArray Dermatophytosis

## Microarray for complete identification of the most important dermatophytes

**Direct detection of 50 dermatophytes as well as clear identification of 23 dermatophytes and 6 yeasts / moulds in one test**

Dermatophyte species		
<b>Anthropophilic</b>	M. audouinii	T. verrucosum
T. tonsurans	<b>Zoophilic</b>	T. eriotrephon
T. interdigitale	T. equinum	M. canis
T. schoenleinii	T. mentagrophytes* (T. interdigitale)	N. persicolor* (M. persicolor)
T. concentricum	T. simii	<b>Geophilic</b>
T. rubrum	T. quinckeanum* (T. mentagrophytes)	N. fulva* (M. fulvum)
T. violaceum	T. erinacei	N. gypsea* (M. gypseum)
E. floccosum	T. bullosum	N. incurvata* (M. incurvatum)
M. ferrugineum	T. benhamiae* (A. benhamiae)	

\* New nomenclature (Hoog et al, Mycopathologia: 2017 Feb; 182(1-2):5-31)

Yeast/Moulds		
C. parapsilosis	C. guilliermondii	F. oxysporum
C. albicans	F. solani	Sc. brevicaulis

- **Detection and differentiation of the main pathogens of dermatomycosis in one reaction**
- **Specific identification of mixed infections with yeasts and moulds**
- **High sensitivity even after start of therapy**
- **Quick detection even of difficult-to-culture dermatophytes**
- **Increased therapy success through early and pathogen-specific treatment**
- **Differential diagnosis from other dermatoses (e.g. psoriasis) possible**
- **Simple test performance: ready-to-use PCR components and integrated controls**
- **Fully automated and standardised evaluation, interpretation and archiving of results**