



DermatoPlex*

Key target detection

Test Reagent

DermatoPlex (Research Use Only)

Catalog Number

7117192

Description

DermatoPlex is a 1-well real-time PCR multiplex for detection of common fungi causing dermatophytosis: **Trichophyton mentagrophytes complex** (including *T. mentagrophytes*, *T. interdigitale*, *T. indotineae*) and **Trichophyton rubrum complex** (including *T. rubrum*, *T. soudanense*, *T. violaceum*); and **Candida species** (including *C. albicans*, *C. orthopsilosis*, and *C. parapsilosis*), as well as *Nacaseomyces glabrata* (formerly *C. glabrata*) and *Kluyveromyces marxianus* (formerly *C. tropicalis*).

The DermatoPlex kit is for research use only (RUO) and is not intended for use in diagnostic procedures.

Product Design			
Well	Channel	Target	qPCR cycling duration
1	1	<i>Trichophyton rubrum</i> complex (<i>T. rubrum</i> , <i>T. soudanense</i> , <i>T. violaceum</i>)	1hr 15 minutes
	2	<i>Trichophyton mentagrophytes</i> complex (<i>T. mentagrophytes</i> , <i>T. interdigitale</i> , <i>T. indotineae</i>)	
	3	Candida species (<i>C. albicans</i> , <i>C. orthopsilosis</i> , and <i>C. parapsilosis</i>), as well as <i>Nacaseomyces glabrata</i> (formerly <i>C. glabrata</i>) and <i>Kluyveromyces marxianus</i> (formerly <i>C. tropicalis</i>)	
	4	Internal Control	
Instrument Compatibility			
Extraction	Liquid Handling	Amplification	
Magnetic bead-based	Lab self-validation	Roche LC480 II	
		BioRad CFX96™ Dx and CFX96 Touch™	
		BioRad CFX384	
		ABI 7500 / 7500 Fast / 7500 Fast Dx	
Workflow Flexibility			
Total Reactions		Reaction Volume	
192		10 µL	
Shipping & Storage			
Shipping		Storage	
Reagents — dry ice/ice packs		Store protected from light between -25°C to -15°C	

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