



DermatoPlex™*

Key target detection

Assay 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. indotinea*) and **Trichophyton rubrum complex** (including *T. rubrum*, *T. soudanense*, *T. violaceum*); and **Candida species** (including *C. albicans*, *C. tropicalis*, *C. orthopsilosis*, and *C. parapsilosis*), as well as *Nakaseomyces glabratus* (formerly *C. glabrata*).

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. indotinea</i>)	
	3	<i>Candida</i> species (<i>C. albicans</i> , <i>C. tropicalis</i> , <i>C. orthopsilosis</i> , and <i>C. parapsilosis</i>), as well as <i>Nakaseomyces glabratus</i> (formerly <i>C. glabrata</i>)	
	4	Internal Control	
Plate Format		Total Reactions	Reaction Volume
96-well		192	10 µL
384-well		384	20 µL

Workflow Flexibility

Extraction	Liquid Handling	Amplification
Magnetic bead-based	Lab self-validation	Roche LC480 II
		BioRad CFX96™ Dx and CFX96 Touch™
		BioRad CFX384 Touch™
		ABI 7500 Fast / 7500 Fast Dx
		QuantStudio

Shipping & Storage

Shipping	Storage
Reagents — dry ice/ice packs	Store protected from light between -25°C to -15°C

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