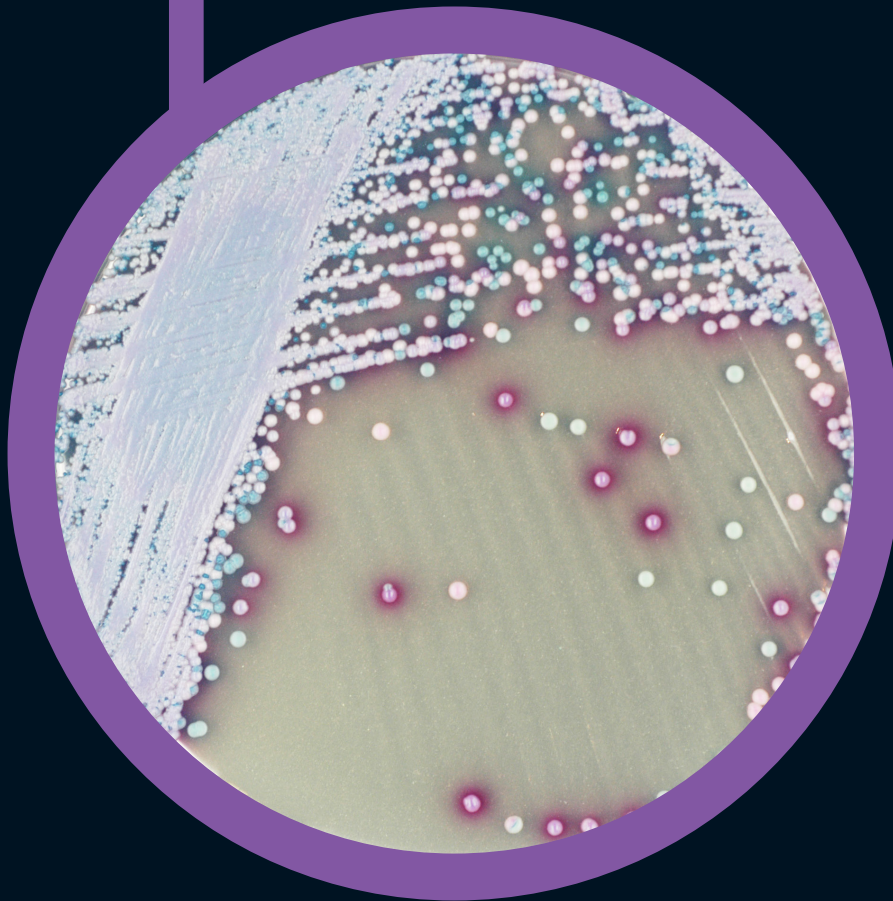


Colorex™ *Malassezia*



For detection of *Malassezia* spp.

Colorex™

Ready to use plates made with the original CHROMagar™ powder base

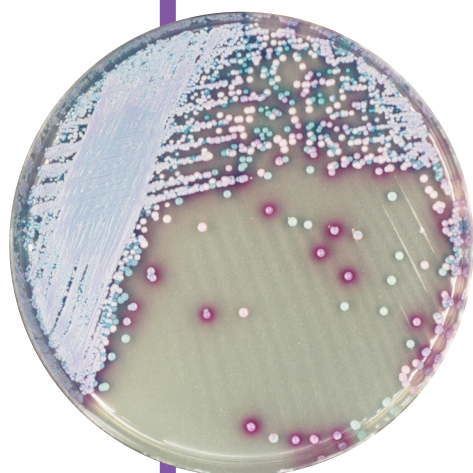


Plate Reading

- *Malassezia furfur*
→ large, pale pink and wrinkled
- Other *Malassezia* spp
including *M. globosa* & *M. restricta*
→ mostly pink to purple

For detection of *Malassezia* spp.

Background

Malassezia is a fungi naturally found on the skin of many animals, including humans. On normal healthy skin it does not cause infections, but when the environment of the skin is altered, *Malassezia* species are able to cause several cutaneous diseases as severe dermatitis or otitis (inflammation of the skin or ears respectively)

Medium Performance

1

EASY AND COLOURFUL DETECTION

Since members of the genus *Malassezia* share similar morphological and biochemical characteristics, the use of traditional culture media for differentiating them based on phenotypic features is not suitable. Colorex™ *Malassezia* was developed with the goal of facilitating not only their detection, but also to improve an algorithm for the differentiation of the most common species (see: Revised Culture-Based System for Identification of *Malassezia* Species, by Takamasa et al. JCM No-2007)

Typical Appearance of the colonies reported in the study:

M. pachydermatis CBS 1879 → large, pale pink & smooth
M. restricta CBS 7877 → small, pink & smooth
M. dermatis JCM11348 and JCM11470 → small, pale pink & smooth
M. slooffiae CBS 7956 → large, pale pink & smooth
M. obtusa CBS 7876 → medium, pink & rough
M. globosa CBS 7966 → small, purple & smooth
M. sympodialis CBS 7222 → large, pale pink & smooth
M. furfur CBS 1878 → large, pale pink & wrinkled

Extracted from: «Revised Culture-Based System for Identification of *Malassezia* Species», by Takamasa et al. JCM No-2007)

Medium Description

Powder Base	Total	56.3 g/L
	Agar	15.0
	Peptones and extracts	38.0
	Chromogenic mix	2.8
	Chloramphenicol	0.5
	Storage at 15/30 °C - pH: 6.3 +/- 0.3	
	Shelf Life	3 years
Mandatory Supplements to the Powder Base (Not provided by Colorex):		
	Glycerol	2 g
	Tween 40	10 g

Usual Samples	Clinical and veterinary samples (skin, ear canals etc.)
Procedure	Direct Streaking. Incubation 72 h at 30-37 °C Aerobic conditions.

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AnalytiChem USA, Inc.
P.O. Box 788 Waterville
Maine, U.S.A, 04903-0788
Toll Free Phone: +1 (866) 591-7120
Email: info.us@analytichem.com

AnalytiChem Netherlands B.V.
Communicatieweg 7
3641 SG MIJDRECHT, The Netherlands
Telephone: +31 (297) 286848
E-mail: info.nl@analytichem.com

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CHROMagar, Paris - France
www.CHROMagar.com