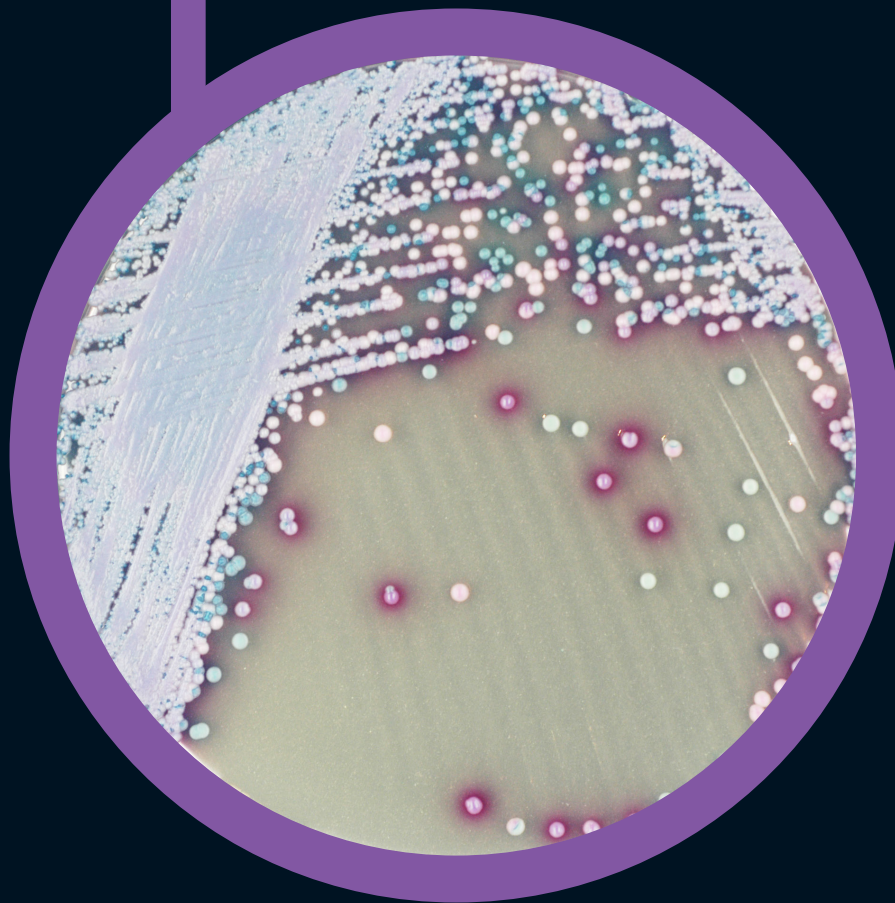


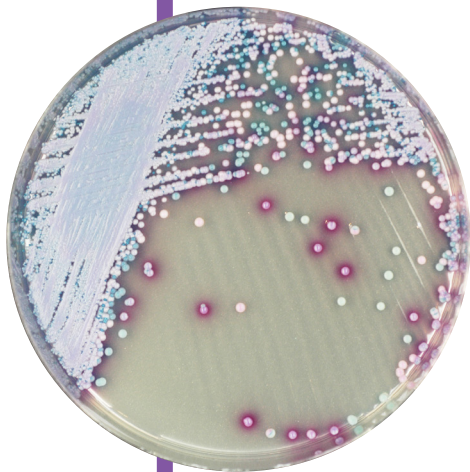
# Colorex™ Malassezia



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

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#### 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

<b>Powder Base</b>	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
<b>Mandatory Supplements to the Powder Base (Not provided by Colorex):</b>		
	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.

Distributed by



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