

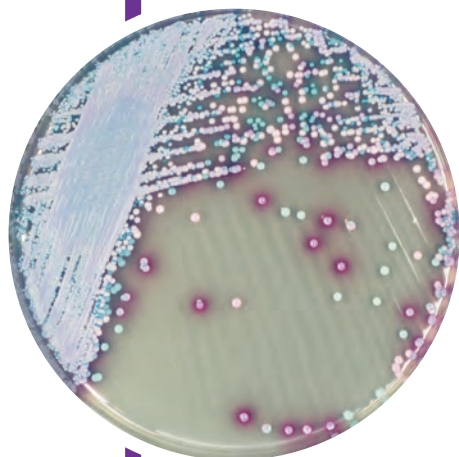
IVD solutions through partnership



**CHROMagar™ Malassezia**  
For detection of *Malassezia* spp.

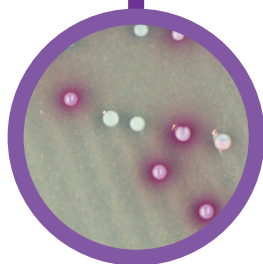
**CHROMagar™**  
The Chromogenic Media Pioneer

# ● CHROMagar™ Malassezia



## 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).

In veterinary field, Malassezia is also the cause of various infections detected on animal skins (dermatitis).

### 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. CHROMagar™ 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 .....	> 18 months
<b>Mandatory Supplements to the Powder Base (Not provided by CHROMagar™):</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.

Scientific Publications on this product: available on [www.CHROMagar.com](http://www.CHROMagar.com)  
 Please read carefully the instructions for use (IFU document) available on [www.CHROMagar.com](http://www.CHROMagar.com)



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#### Ordering Information

Product	Order Code
CHROMagar™ Malassezia dry media, 5 liter	15MZ282
CHROMagar™ Malassezia ready to use plates, 20 pcs.	201407