

## Technical Data Sheet

### MC-Media Pad® Yeast and Mold

Ordering number: 1.32360.0001

#### General

The MC-Media Pad® is a pre-sterilized, ready-to-use dry culture device, simplifying testing and minimizing the quantity of waste.

#### Mode of Action

The MC-Media Pad® is composed of a unique adhesive sheet, a test pad coated with medium and water absorption polymer, and a transparent cover film.

The MC-Media Pad® is coated with selective medium and chromogenic substrate for specific detection. Once the liquid sample is inoculated onto the test pad, the sample diffuses through the whole pad by capillary action. The medium re-constitutes automatically.

#### Certification

AOAC Performance Tested Method<sup>SM</sup> study (Certificate number 111401)

AOAC Official Methods of Analysis 2018.02

Microval Cer.No. 2015LR51

#### Application of Use

1. Open the aluminum bag, and remove the MC-Media Pad®.  
If necessary, write information on the cover film.
2. Lift the transparent cover film and pipette 1.0 mL of sample solution onto test pad.  
(It is recommended to lift the cover film diagonally for easy and secure re-sealing.)
3. Close the cover film and lightly press the edges of film to seal.
4. Incubate test plate at 25 ±1 °C for 48-72 hours.
5. Re-seal the opened bags and store at 2–15 °C for up to 4 weeks.

#### Interpretation

Count all reddish colored colonies

## Storage and Shelf Life

The product can be used for tests until the expiry date if stored upright, protected from light and properly sealed at 2 to 15 °C.

## Disposal

The used pad must be decontaminated by autoclaving or boiling, and disposed according to local regulations for waste.

## Quality Control

Function	Control strains	Incubation	Expected results
Productivity	<i>Saccharomyces cerevisiae</i> ATCC 9763 (WDCM 00058)	2-3 days , 25 °C	≥50%, red colonies
	<i>Aspergillus brasiliensis</i> ATCC 16404 (WDCM 00053)		
	<i>Candida albicans</i> ATCC 10231 (WDCM 00054)		
<i>Mucor racemosus</i> ATCC 42647 (WDCM 00181)	Total Inhibition		
<i>Escherichia coli</i> ATCC 8739 (WDCM 00012)			
Selectivity	<i>Bacillus subtilis</i> ATCC 6633 (WDCM 00003)		

Please refer to the actual batch related Certificate of Analysis.

## Ordering Information

Product	Cat. No.	Pack size
<b>MC-Media Pad</b> ® Yeast and Mold	1.32360.0001	100pads ( 4x25 pads)

Merck, the vibrant M, MC-Media Pad, Millipore, and Sigma-Aldrich are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates.  
Detailed information on trademarks is available via publicly accessible resources.  
© 2020 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved.

The life science business of Merck operates as MilliporeSigma in the U.S. and Canada.

