

MC-Media Pad® for Hygiene Monitoring

A straightforward approach on Environmental sampling

The MC-Media Pad® is designed as a convenient method for rapid routine testing of microbial contamination in food and beverage samples throughout production, from raw materials to finished products. It is also applicable to environmental samples such as surface and air.

The MC-Media Pad® solution is composed of a series of ready-to-use pads for total count and specific detection and enumeration of indicator organisms. Each MC-Media Pad® consists of a fabric pad coated with a dedicated culture media formulation, placed on an adhesive support with a transparent gas-permeable cover. The MC-Media Pad® has been specifically developed for the testing of 1 mL samples.

Typical Incubation conditions for MC-Media Pad®

MC-Media Pad®	Incubation time	Incubation Temperature)
<i>E.coli</i> , Coliform (EC)	24 ±2 hours	35 ±1 °C
Rapid Aerobic Count (RA)	24-48 hours	35 ±1 °C
Yeast and Mold (YM)	48-72 hours	25 ±1 °C

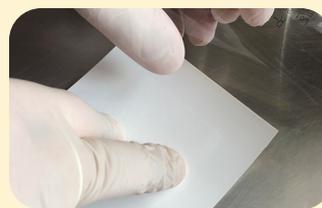
For Personnel Monitoring



Step #1:
Lift the cover film of MC-Media Pad® and add 1 mL of sterile water on the center of the Pad.



Step #2:
Close the cover film and place at room temperature for 15 mins prior usage



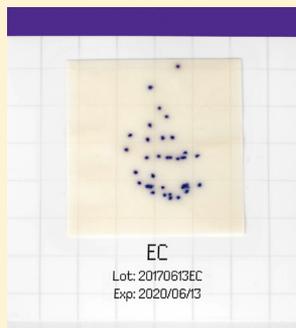
Step #3:
Lift the cover film and slightly press the fingertip with or without gloves.



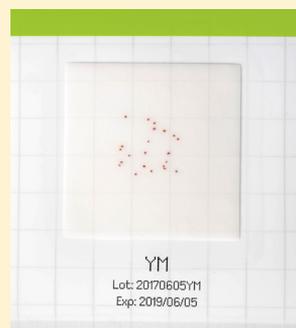
Step #4:
Close the cover film again and incubate.

Show Results

Selected microorganisms grown after glove print on various MC-Media Pad® tests:



E. coli
ATCC 11775
on MC-Media Pad® EC



Candida albicans
ATCC 10231
on MC-Media Pad® YM



Staphylococcus epidermidis
ATCC 12228
on MC-Media Pad® RA

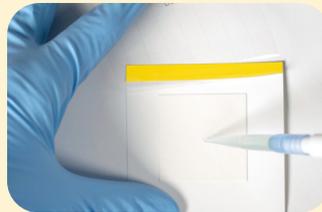
For Surface Monitoring



Step #1:
Use a moist swab suited for microbial application. Swab the surface*.



Step #2:
Transfer the swab on a 2 mL broth e.g. leethen broth vortex for approximately 30 seconds.



Step #3:
Lift the cover film of the MC-Media Pad® deposit 1 mL of the vortexed broth.



Step #4:
Close the cover film again and incubate.

Show Results

Examples of MC-Media Pad® used for transfer of 1 mL swab dilution broth



E. coli ATCC 11775



Staphylococcus aureus ATCC 6538



Staphylococcus epidermidis ATCC 12228

* for swabbing techniques, please follow regulatory recommendations. e.g. ISO 18593.

Ordering information

Cat. No.	Product Name	Packaging
1.32357.0002	MC-Media Pad® <i>E.coli</i> , Coliform (EC)	100 test
1.32359.0001	MC-Media Pad® Rapid Aerobic Count (RA)	100 test
1.32360.0001	MC-Media Pad® Yeast and Mold (YM)	100 test

Learn more on [SigmaAldrich.com/MC-MediaPad](https://www.sigmaaldrich.com/MC-MediaPad)



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