

MC-Media Pad® for Passive Air Monitoring

A straightforward approach on passive air 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 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

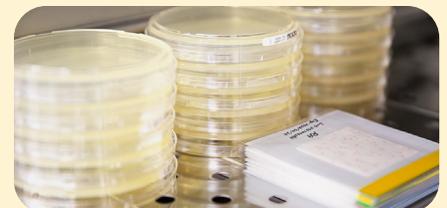
For Passive Air Monitoring



Step #1:
Secure the testing area for the sampling. Lift the cover film of MC-Media Pad® and expose for 3-4*hours.



Step #2:
After the exposure time, rehydrate the MC-Media Pad® with 1 mL of sterile Water.



Step #3:
Close the cover film and incubate.

* may vary depending on the location.e.g. due to high air flow rates.

Show Results

Colonies on MC-Media Pad® and Settle plates after passive air monitoring and incubation.



MC-Media Pad® RA



TSA settle plate



MC-Media Pad® Y&M



SDA settle plate

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



To place an order or receive technical assistance

Order/Customer Service: SigmaAldrich.com/order

Technical Service: SigmaAldrich.com/techservice

Safety-related Information: SigmaAldrich.com/safetycenter

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