Rapidmicro biosystems®

NEW FOR THE GROWTH DIRECT® SYSTEM

Mold Detection in Real Time

RMBNucleus™ Mold Alarm

- **Automated alerts** signaling the presence of mold at incubation
- **Detection** of molds that commonly cause microbial contamination
- **Rapid detection** in as little as 1 day
- **Enhanced data integrity**
- **Easy implementation** as part of your Growth Direct® System software

Proven Effective With:

Alternaria	*sp.*
Aspergillus	*fumigatus* *flavus*
	brasiliensis
	versicolor
Cladosporium	*cladosporioides*
	herbarum
Curvularia	*lunata*
	pallescens
	verruculosa
	hominis
	pseudobrachyspora
Fusarium	*keratoplasticum*
Penicillium	*chrysogenum*
	notatum
	rubens

* Based on initial feasibility performance data from internal 2022 Rapid Micro Biosystems study of 16 mold species incubated and tested in the Growth Direct® System EM cassettes.

Quick to spread and difficult to detect, molds can compromise a facility in the time it takes to confirm their presence. **RMBNucleus™ Mold Alarm** allows investigations to begin in as little as one day with automated alerts triggered by detection of molds during the early stages of incubation. Mold Alarm only requires an update of Growth Direct® System software, leaving your existing action alert limit values and cassette handling preferences intact—while adding a new, real-time course of action when mold is present.

Growth Direct® System | Traditional Manual Method

growth image enhanced for visual purposes

Real-time Mold Detection Matters

Slow detection and confirmation of mold recoveries continues to be a critical and current challenge within environmental monitoring (EM). The time to detect can allow mold spores to spread and cause major contamination compromising the manufacturing facilities and putting products and patients at risk. **RMBNucleus™ Mold Alarm** signals at the first sign of mold detection. This results in qualitative-actionable data communicated by automated emails and on-screen alerts, providing early intervention and remediation to improve regulatory compliance and reduced safety risks.

Data Integrity and Accuracy

Combining automated mold detection with seamless LIMs integration and a full audit trail, Mold Alarm reduces sources of human error while freeing staff from manual data entry. In a study utilizing a panel of 16 commonly recovered EM molds, Mold Alarm detected all molds present.

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