

There is more to food safety than meets the eye. Microbial testing solutions by Merck Millipore.

Fed up with the challenges of food safety? Simplify your processes with Merck Millipore's innovative solutions.

At Merck Millipore, food safety goes far beyond the visible. It starts with listening to your challenges. Changing regulations, complex processes and delayed product releases can be daunting. But you can overcome them with Merck Millipore's microbial food testing and environmental monitoring solutions.

With over 300 years of expertise, we offer knowledgable support in regulatory compliance to help you avoid risks and setbacks. What's more, our innovative, high-quality products are designed to boost reliability and safety while reducing costs and complexity.

Merck Millipore's food safety solutions & regulatory expertise for:

- Simplified testing processes for indicator organisms
- Rapid and easy-to-use pathogen testing solutions
- Proven environmental monitoring solutions

www.merckmillipore.com/foodsafety



A long history of innovations and milestones



Indicator organism testing? Piece of cake!



Facilitate your process with our unique granulated culture media for indicator organism testing.

Indicator organism testing is fundamental in food safety. Unfortunately, it starts with a cumbersome process: Preparing culture media in small or large quantities from powder – which is not only difficult to handle and hard to dissolve – but also exposes you to airborne toxins and health risks. Nevertheless, indicator organism testing is impossible without culture media. So what choice do you have? Merck Millipore's unique granulated culture media.

Unlike traditional powdered media, our dehydrated and granulated culture media are specially formulated to minimize dust formation, component separation and clumping – even under warm or humid conditions. This ensures greater solubility and homogeneity, which makes indicator organism testing significantly easier and more efficient.

www.merckmillipore.com/indicator-organism

Profit from the advantages of our granulated media:

- Meet the highest performance standards, as described by ISO 11133.
- Significantly reduce inhalation of hazardous media components.
- Benefit from a comprehensive portfolio of granulated media for the detection of total viable organisms, Coliforms & *E. coli*, yeast & moulds, *Enterobacteriacae*, *Staphylococcus aureus*, and many more.
- In many cases, the unique granulation process allows the inclusion of supplements. Your advantage: no extra work and no extra costs for buying supplements separately.

Pathogen testing solutions to see you through.

Developed by experts, designed for daily use. Smart pathogen testing solutions for more convenience.

We think three-dimensional when devising our pathogen testing products: Flexibility, ease-of-use and reliability are what we want you to experience in your daily routines. Spanning pre-enrichment, selective enrichment, sample preparation and detection, our solutions ensure accurate results in a minimum of time. Trust our certified products and regulatory expertise to give you peace of mind.

Benefit from our smart and convenient solutions to optimize your processes:

- Unique dehydrated, granulated culture media: Meeting the highest ISO performance standards, these premium media are compatible with our rapid food testing solutions for optimal results with minimal hands-on time. Our latest innovation are Readybag[®] preweighed and gamma-irradiated media pouches to speed up and simplify your pathogen testing routines.
- Singlepath[®] and Duopath[®] immunological Lateral Flow Tests: Simple one-step, pregnancy test like devices for clear presence/absence results within 20 minutes after sample enrichment and available for a broad range of pathogens, such as Salmonella, *Listeria spp., L'mono, E. coli* 0157, *STEC, Campylobacter.*



www.merckmillipore.com/pathogen-testing





www.merckmillipore.com/environmental-monitoring

Our vision of a safer future: Comprehensive environmental monitoring solutions.

One source, unlimited reliability. A complete product range for your environmental monitoring needs.

Proven air monitoring solutions

Merck Millipore offers a complete range of air monitoring systems for ambient air and compressed gas monitoring. These are completed with high quality agar media to help you accurately determine the air quality in your production facility. Our air monitoring solutions are easy to use and fully compliant with international standards. They allow highly reproducible determination of the total count of airborne bacteria, yeast and molds. In addition we are pleased to offer an array of affiliated services for your instruments, including validation, calibration and repair.

Get the most accurate sample solutions available:

- RCS[™] air samplers: Complete solution with standardized, individually wrapped media strips
- MAS-100[®] air samplers: Flexible use and compatibility with any standard media plate

Dependable particle counting solutions

Particle counting is a critical component of clean room monitoring programs. Particle counter data is relied on to determine air cleanliness and to detect contaminants in controlled environments such as those found in the sensitive food industries.

Set new standards with APC ErgoTouch Pro 2:

- Large color display to show the counts over six channels
- Functions are easy to operate by logical icons
- Very economical solution for cleanroom validation



On-the-spot surface monitoring

Our extensive portfolio of surface and personnel monitoring products help you detect contamination at an early stage and thus ensure the safety of your production plant. You have the flexibility to choose between traditional and rapid methods adapted to different environments and surfaces.

Keep production plants clean and minimize the risk of contamination:

- Traditional: Ready-to-use contact slides and contact plates as well as dips and swabs test kits for easy, flexible monitoring of flat and curved surfaces, including areas difficult to access.
- Rapid: HY-LiTE[®] 2 ATP Rapid Detection System for instant, on-the-spot monitoring, based on quantitative detection of ATP in biological residues.
- Efficient: HY-RiSE[®] detection system for qualitative detection of organic residues on surfaces; based on NAD/NADH, NADP/NADPH detection.



We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.

For more information www.merckmillipore.com/foodsafety

Find contact information for your country at: www.merckmillipore.com/offices For technical service, please visit: www.merckmillipore.com/techservice



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