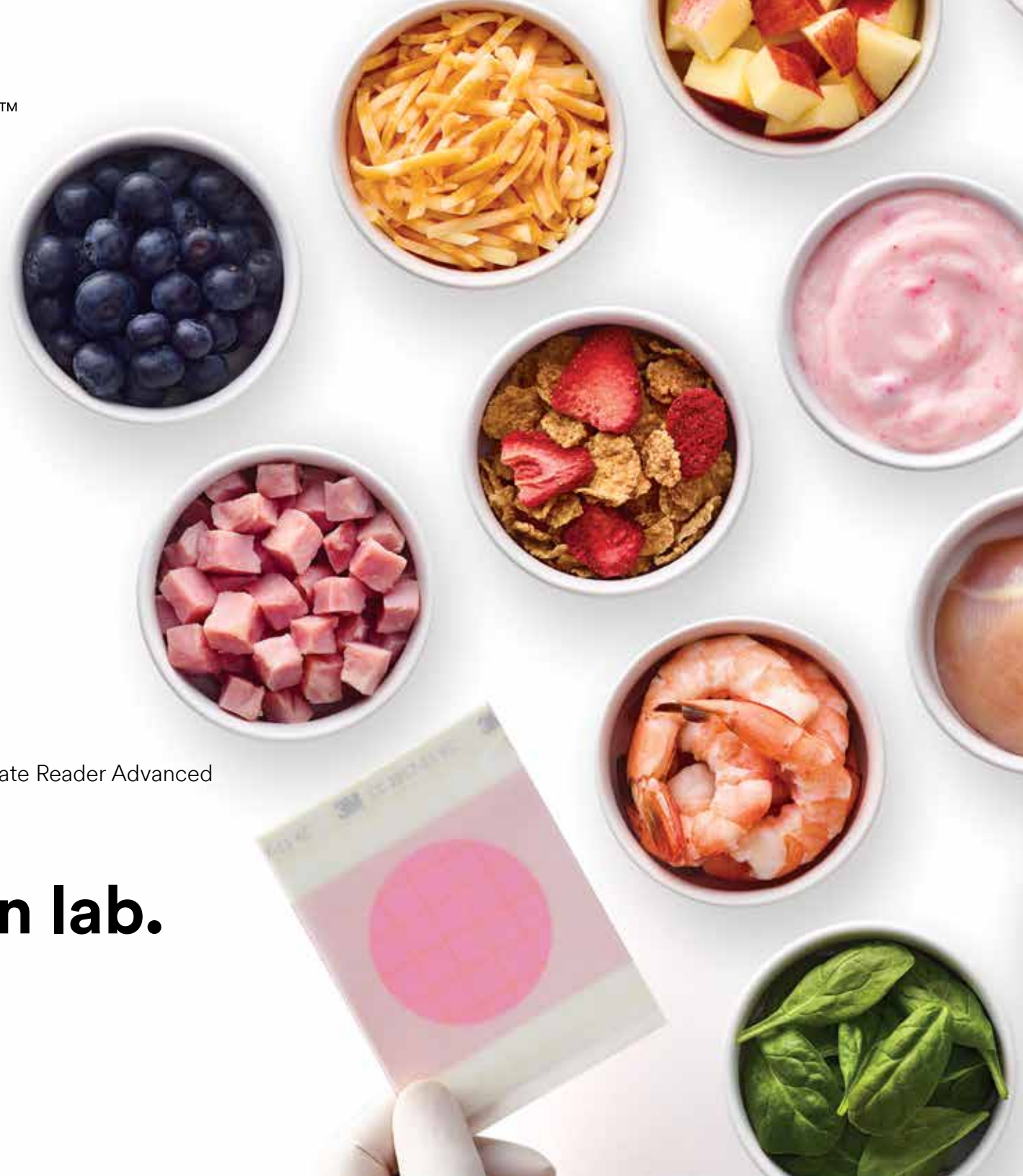**3M | Petrifilm™**

3M™ Petrifilm™ Plates and 3M™ Petrifilm™ Plate Reader Advanced

Fresh science
for the modern lab.

Made for today's food science.

3M™ Petrifilm™ Plates

The global food safety landscape is continuously changing. Are you keeping up? Unlike traditional agar methods, 3M™ Petrifilm™ Plates are ready to use — no prep required. Each slim pack offers consistent, uniform testing media. Just open it up and get right to work. Find new freedom with time to focus on what's really important: quality and efficiency. It's time to take a fresh look at food safety.

- Ready to use — reduce or eliminate time-consuming agar prep
- Proven testing methods for consistent, reliable results
- Compact size uses less storage/incubator space

Ready, fast, easy.

Modern food testing in three simple steps.

1. Inoculate
Eliminate media prep — plates are ready to inoculate.

2. Incubate
A compact incubator is all you need.

3. Interpret
Indicator dyes facilitate colony counting.

Increase the productivity of your lab with advanced technology.

3M™ Petrifilm™ Plate Reader Advanced

This compact instrument can help food safety labs meet their productivity goals by automatically counting, recording, and reporting results while maintaining the same accuracy as a lab technician.

Productive
- Plate enumeration in 6 seconds or less—up to 900 plates per hour.
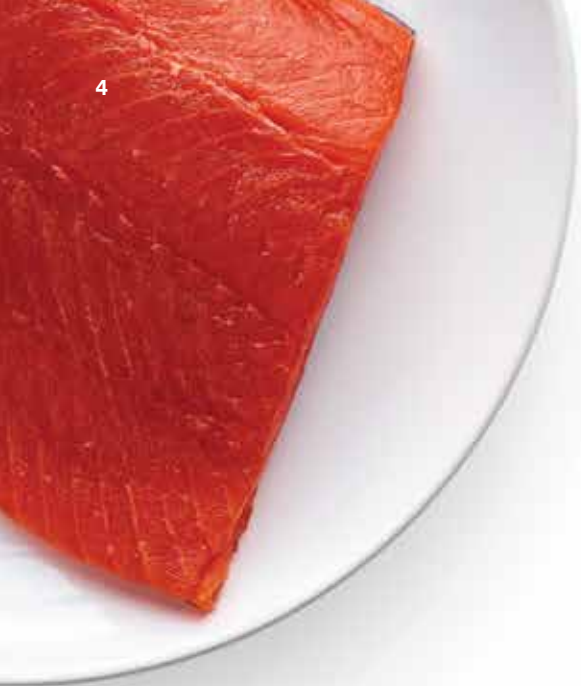- Achieve up to 94% reduced time to enumerate 3M™ Petrifilm™ Plates.*

Proactive
- Automated reports and data trending for actionable insights.

Proficient
- Advanced counting algorithms developed using fixed artificial intelligence.
- Supports enumeration for ten 3M™ Petrifilm™ Plates, including the complete 3M™ Petrifilm™ Rapid Plate portfolio, plus the 3M™ Petrifilm™ Staph Express Disk.
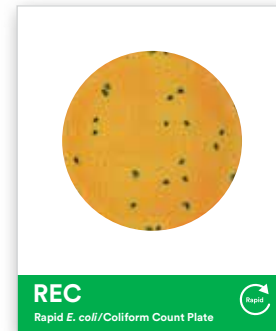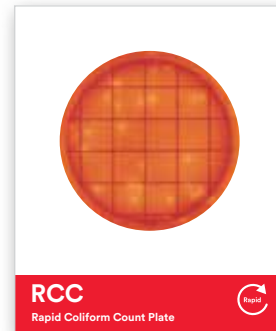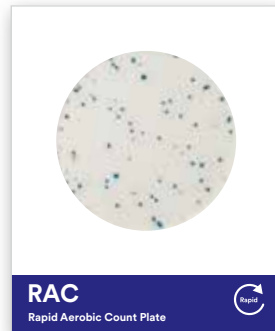

*Observed on the 3M™ Petrifilm™ Aerobic Count Plate with High Counts

Reliable consistency. Rapid results.

3M Petrifilm Rapid Plate Portfolio*

These easy-to-use plates with enhanced features can produce results faster than traditional methods, so you can confidently make time-sensitive decisions.

RAC Rapid Aerobic Count Plate	**RCC** Rapid Coliform Count Plate	**REC** Rapid *E. coli*/Coliform Count Plate	**RYM** Rapid Yeast and Mold Count Plate

Benefits to your business[1]:

⬇ **85%** less space than agar

⬇ **45%** reduced labor costs

⬆ **80%** increased technician efficiency
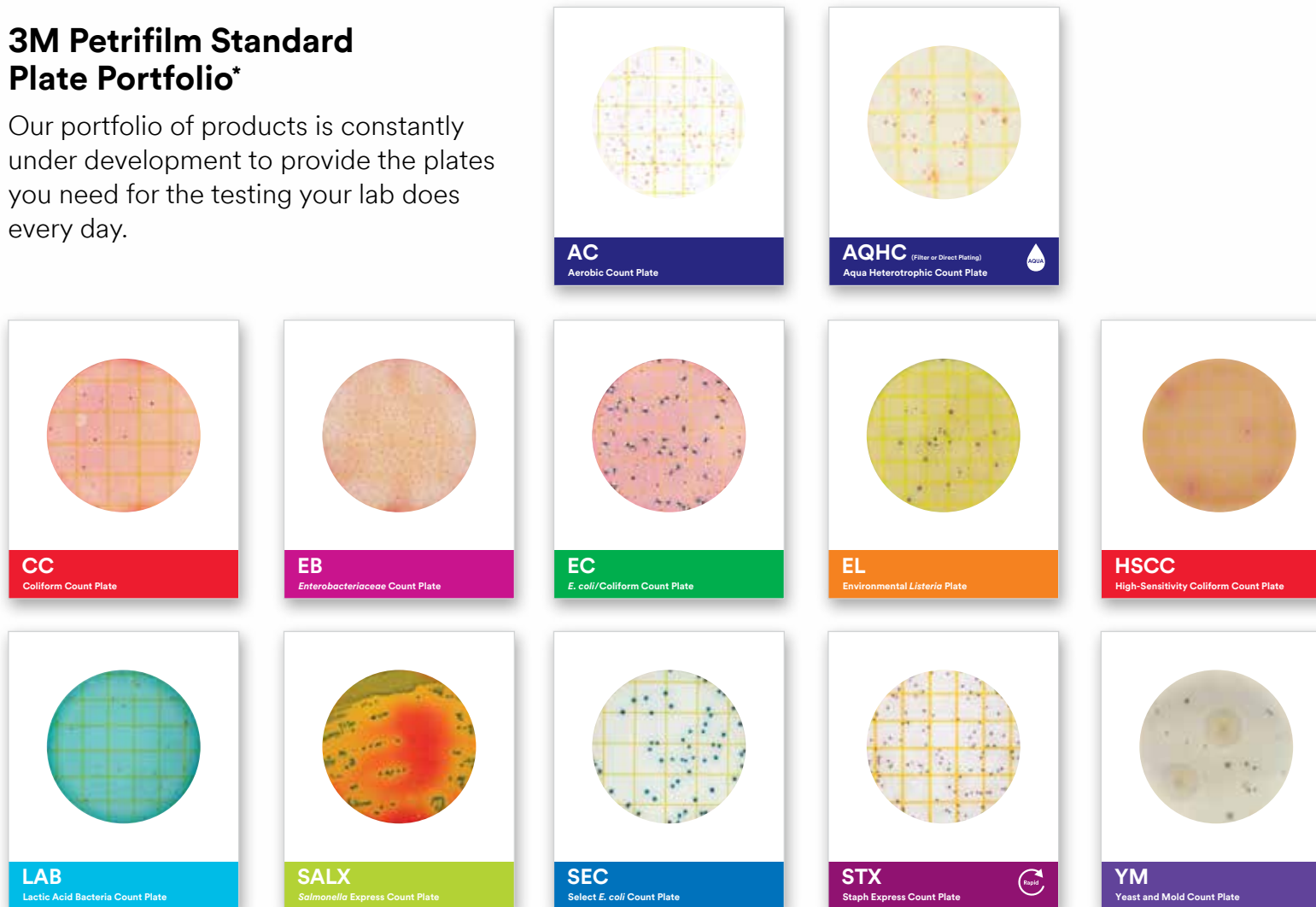
⬇ Data in **1/2** the time

*Product naming information on plate images is for illustration purposes only.
[1]Data on file.

Microbial testing with fresh choices.

3M Petrifilm Standard Plate Portfolio*

Our portfolio of products is constantly under development to provide the plates you need for the testing your lab does every day.

AC
Aerobic Count Plate

AQHC (Filter or Direct Plating)
Aqua Heterotrophic Count Plate
AQUA

CC
Coliform Count Plate

EB
Enterobacteriaceae Count Plate

EC
E. coli/Coliform Count Plate

EL
Environmental *Listeria* Plate

HSCC
High-Sensitivity Coliform Count Plate

LAB
Lactic Acid Bacteria Count Plate

SALX
Salmonella Express Count Plate

SEC
Select *E. coli* Count Plate

STX
Staph Express Count Plate
Rapid

YM
Yeast and Mold Count Plate

*Product naming information on plate images is for illustration purposes only.

Get sustainable science.

The future is green — make sure your lab is, too, with 3M Petrifilm Plates, a significantly more sustainable alternative to traditional agar methods.

3M Petrifilm Plates vs. agar methods[2]:

⬇ **79%**
less water

⬇ **76%**
less energy

⬇ **66%**
less waste

⬇ **75%**
less greenhouse gas emissions

[2]"Reduction in Primary Energy Demand, Blue Water Consumption and Greenhouse Gas Emissions from 3M Petrifilm Plates Compared to Traditional Microbiological Analysis Method," Jason Howland, 3M Environmental Laboratory and Hannah Bakken, 3M Food Safety.

Backed by experts.

When public health is on the line, you need testing you can trust. 3M Petrifilm Plates are created and inspected by a team of 3M scientists and engineers, and are validated by international organizations like AOAC International and AFNOR Certification. We've distilled the complexity, variability and manual labor of microbial testing into a simple, reliable and consistent method.

Certifications and validations*:

- AOAC® *Official Methods of Analysis*SM
- AOAC® *Performance Tested Methods*SM
- NF VALIDATION by AFNOR Certification
- Numerous regional and local approvals

*Validations may vary by plate and region.

No prep. No clutter. No kidding.

In the modern lab, space is at a premium. 3M Petrifilm Plates eliminate the need to store bulky agar dishes or instruments — each slim pack is less than an inch thick. It's the convenient, efficient, space-saving way to test in the modern food system.

Liberate your lab — visit 3M.com/foodsafety/Petrifilm

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Phone   1-800 328-6553
Web   3M.com/foodsafety