

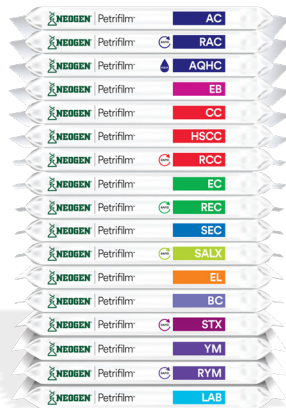
# Enhance your efficiency. Simplify microbial testing.

Building efficiencies in your lab starts with the methods you use. Our sample-ready Neogen® Petrifilm® Plates reduce inefficient and resource-intensive steps compared to traditional agar methods. Discover a dependable solution to optimize testing — see how our Petrifilm Plate methods can enhance the way you work.

## Neogen Petrifilm Plates

Eliminate the need for agar dish preparation with a ready-to-use solution. Petrifilm Plates are slim packs with massive benefits. Their consistent, uniform testing media make it easy to get reliable results quickly. Simply open the pack and get started.

- Use plates immediately without prep work
- Get consistent, reliable results with proven methods
- The compact Petrifilm Plate design uses less space for storage and incubators



## Neogen Petrifilm Plate Reader Advanced

Automate counting for eleven widely used Petrifilm Plates, including the Petrifilm Staph Express Disk. The Neogen® Petrifilm® Plate Reader Advanced features a compact footprint and uses fixed artificial intelligence to enable accurate colony counting. Increase productivity with this fast plate reader and divert resources where you need them most.

- Get quick results — enumerate plates in six seconds or less
- Ability to read 10 barcode symbologies for integration into laboratory processes
- Automated reports and data trending for actionable insights



Up to  
**85%**  
less space  
than agar\*

Enhance  
Productivity by  
**48%**  
on average

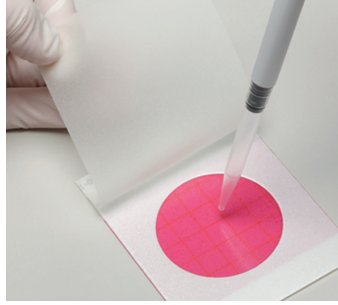
Data in up to  
**1/2**  
the time\*

**105+**  
global validations,  
certifications  
and recognitions

\*Results compared to traditional agar plates.

# Food testing that outpaces traditional methods.

Modernize food safety by eliminating inefficiencies. Petrifilm Plates are simple and ready to use — no preparation required. Find new freedom with time to focus on what's really important — quality and efficiency.



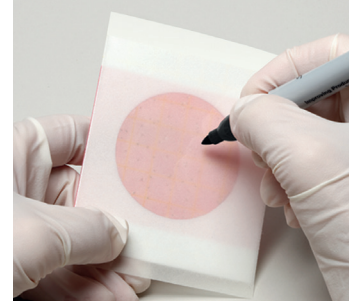
## 1 | Inoculate

Eliminate media prep — plates are ready to inoculate.



## 2 | Incubate

A compact incubator is all you need.



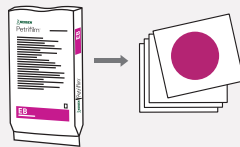
## 3 | Interpret

Indicator dyes facilitate colony counting.

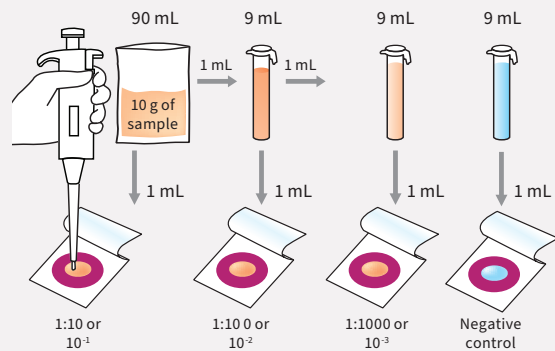
## Eliminate up to 2 days from the process with Petrifilm Plates:

### Petrifilm *Enterobacteriaceae* Count Plate Method:

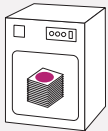
#### 1 Open pouch



#### 2 Dilute sample and plate



#### 3 Incubate for 24 hours



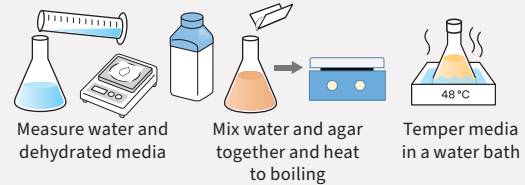
#### 4 Automate counting with the Petrifilm Plate Reader Advanced\*

\*Petrifilm Plates can also be manually counted.

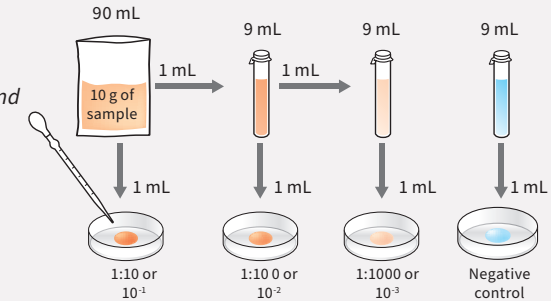


### Agar Method:

#### 1 Prepare media



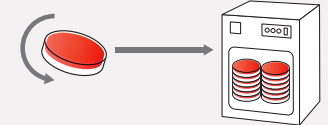
#### 2 Dilute sample and plate



#### 3 Pour tempered agar into plates, swirl to mix and let solidify



#### 4 Add an overlay and let solidify. Invert plates and incubate for 24 hours.



#### 5 Manually count colonies



#### 6 Add 2 days to subculture an isolated colony onto a non-selective agar medium, incubating for 24 hours. Test isolated colonies for oxidase reaction. Test oxidase negative colonies for glucose fermentation incubating for 24 hours.



ISO 21528-2 VRBG agar method

For more information, visit: [info.neogen.com/Petrifilm](http://info.neogen.com/Petrifilm)



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