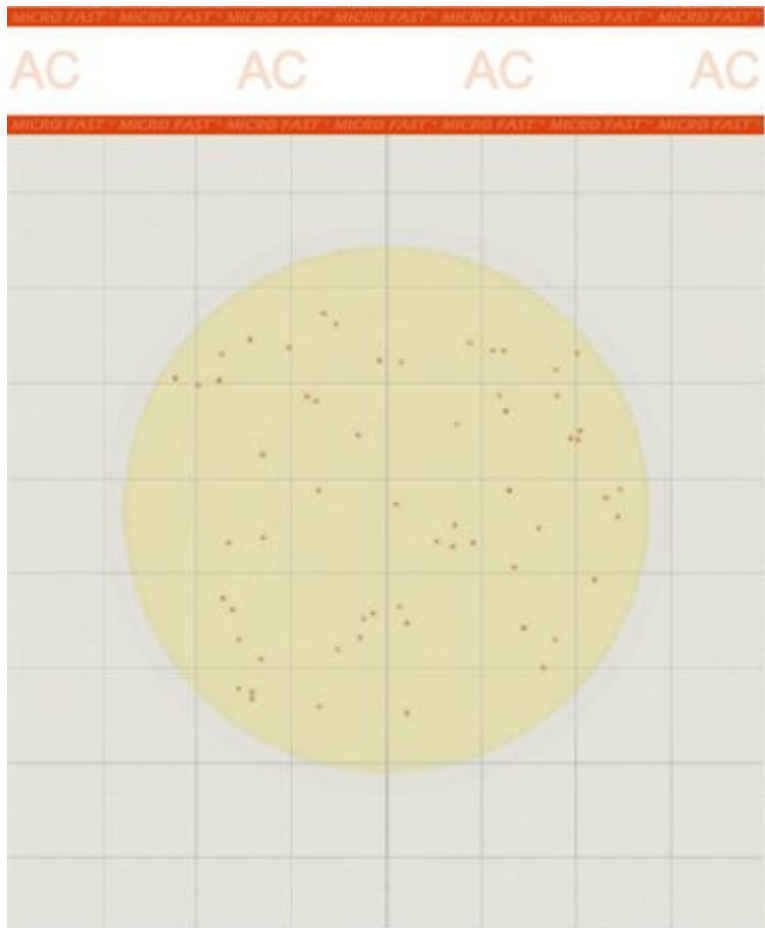


MicroFast

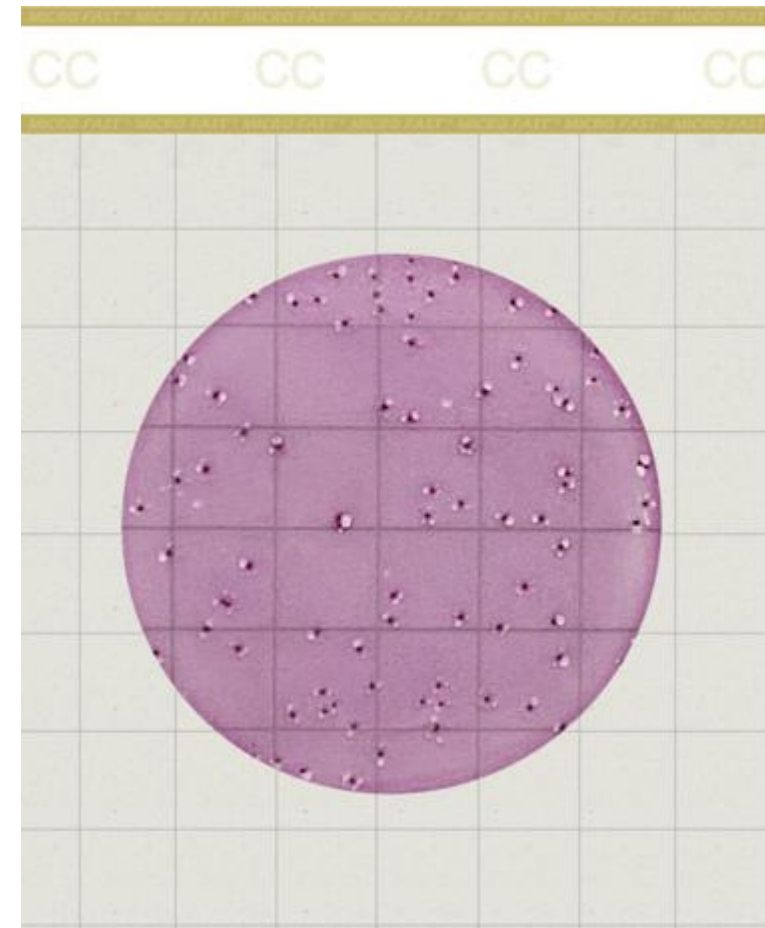
V3 Microbial Count Plates

Keep Running,KeepInnovating!

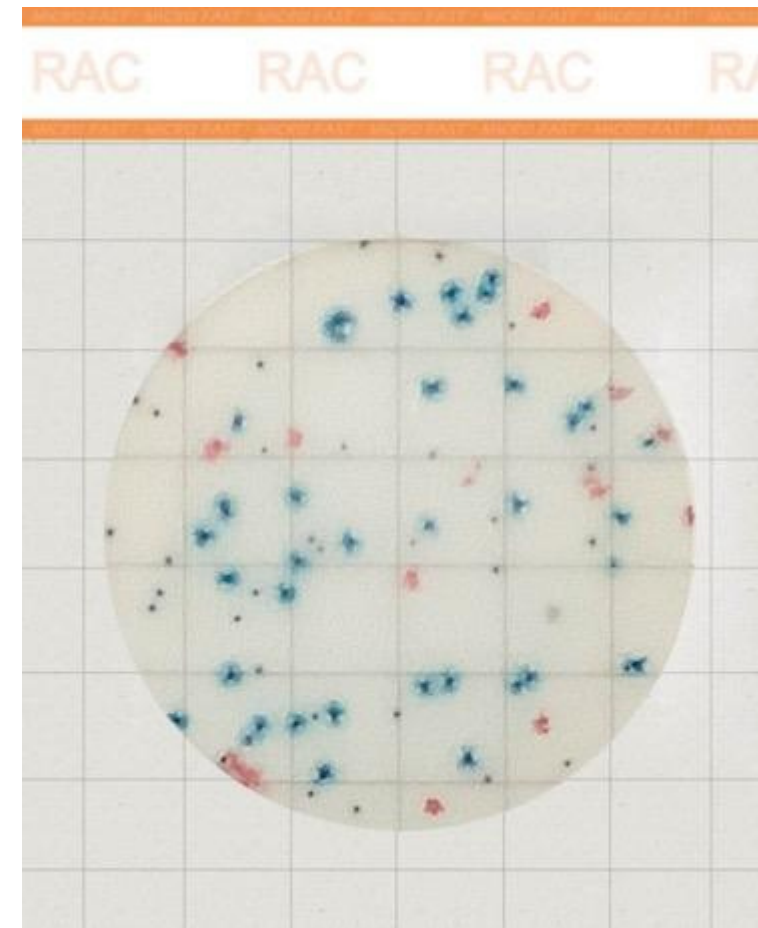
V3 MicroFast Count Plates



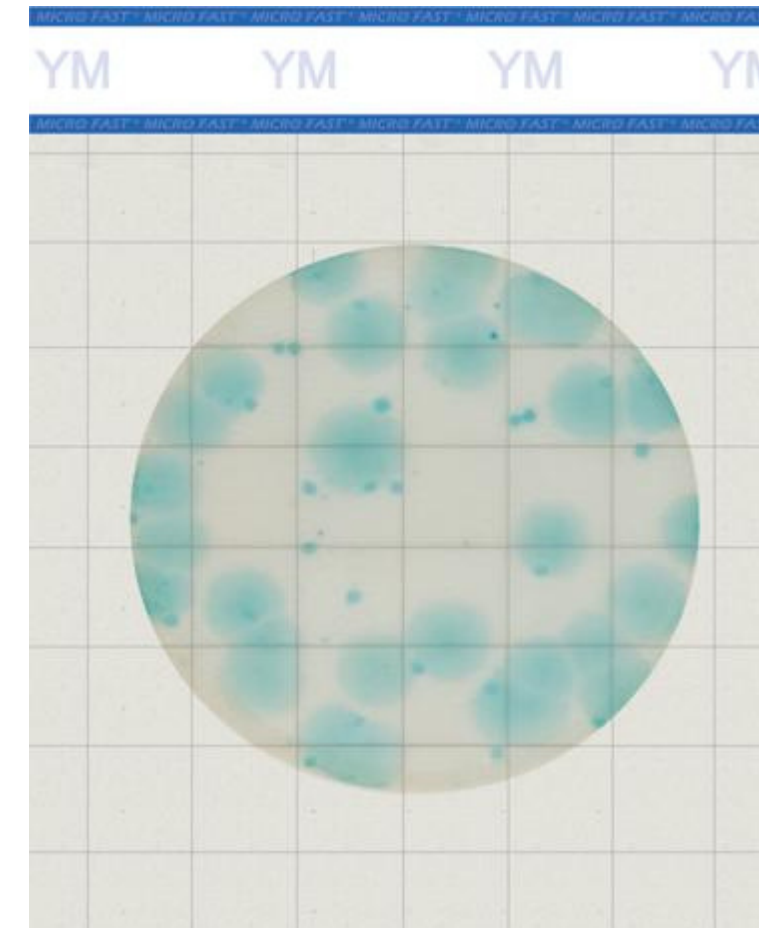
Aerobic Count Plate



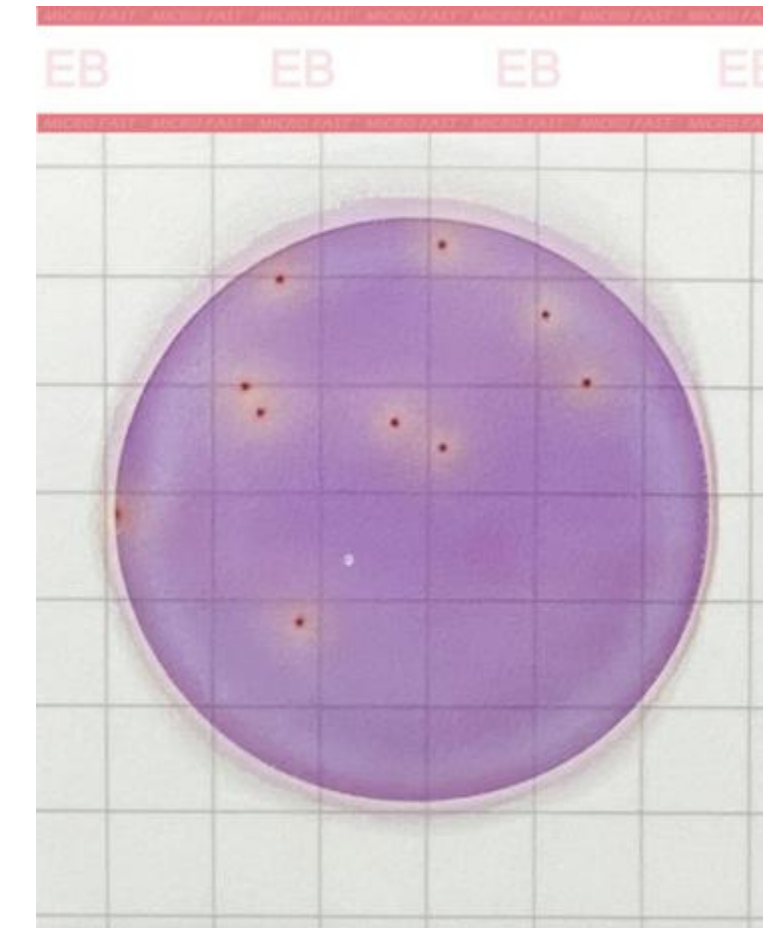
Coliform Count Plate



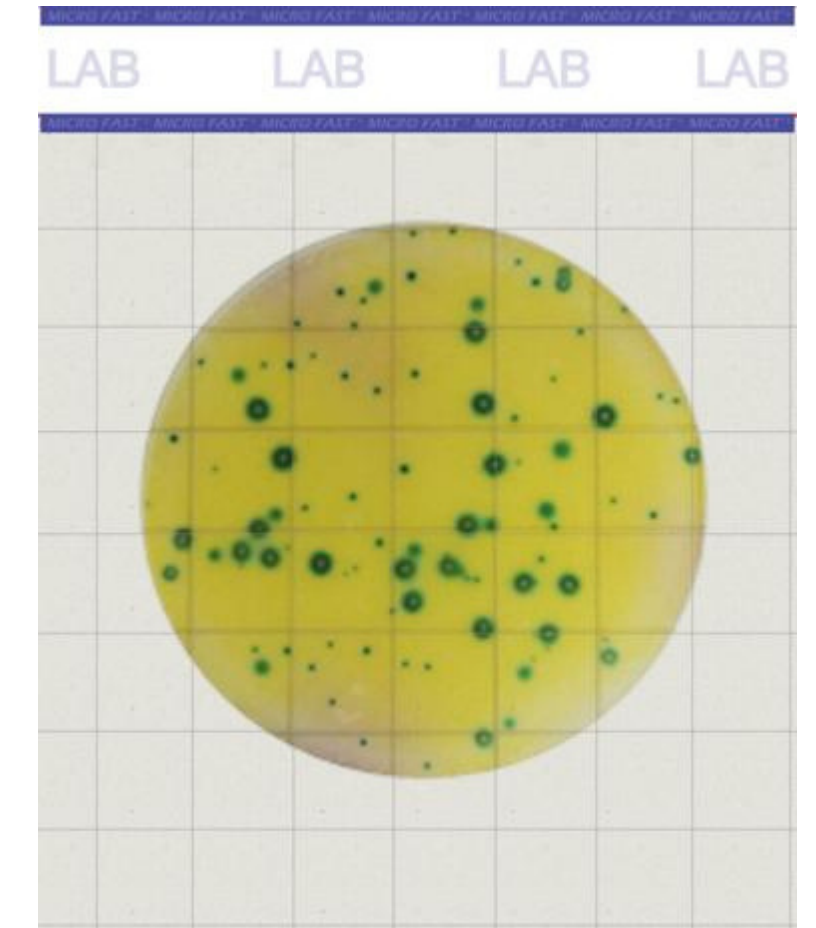
Rapid Aerobic Count Plate



Yeast & Mold Count Plate

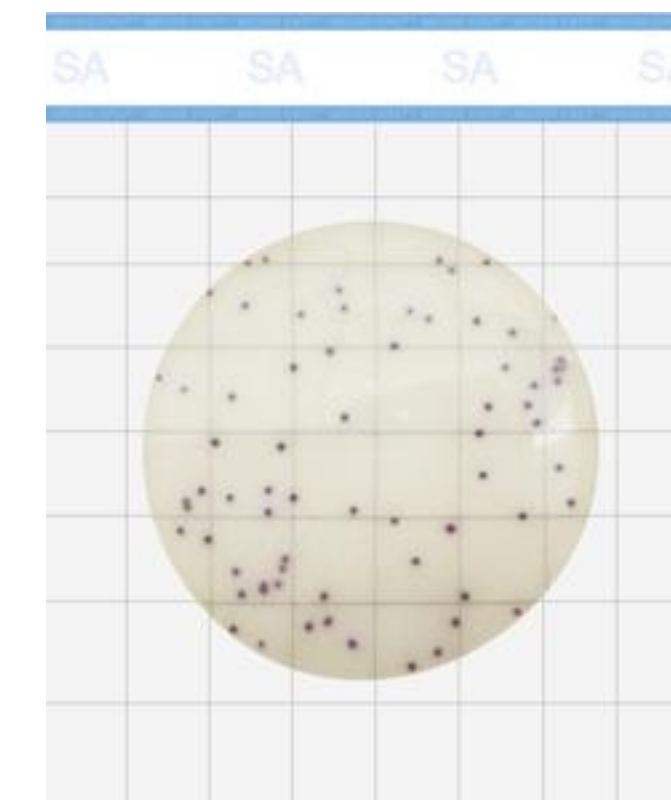


Enterobacteriaceae Count Plate

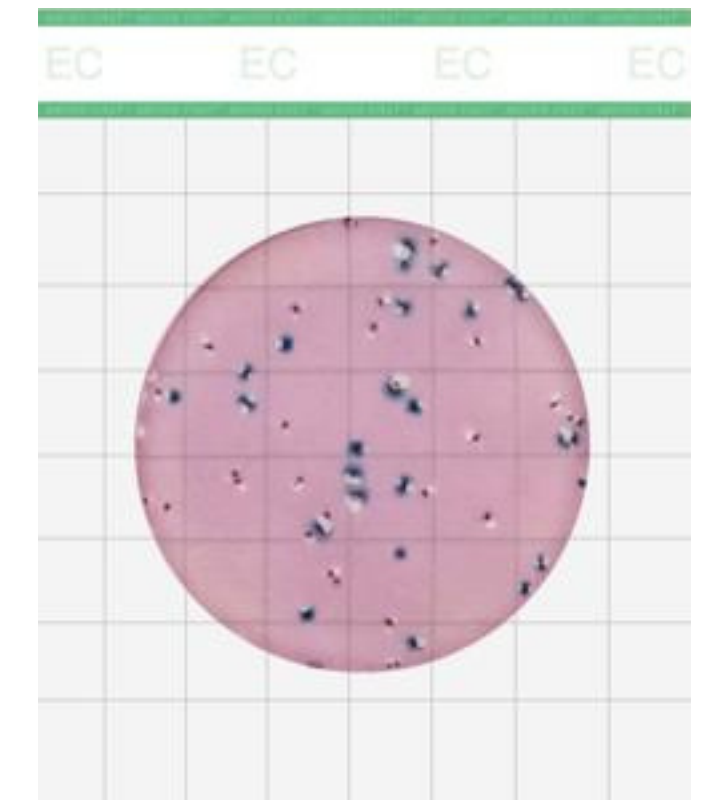


Lactic acid bacteria Count Plate

- Aerobic Count Plate- Anti-diffusion, clear colony color
- Rapid Aerobic Count-Plate 24h Interpretation
- Coliform Count Plate- Lighter background for easier counting, 18-24h interpretation
- Yeast & Mold Count Plate-48h Interpretation
- Enterobacteriaceae Count Plate-18-24h Interpretation
- E. coli/Coliform Count Plate -18-24h Interpretation
- S. aureus Count Plate –Confirmation included in the plate, not a separate purchase.
- Lactic acid bacteria Count Plate No need to use special anaerobic equipment
- The built in foam groove structure makes inoculation and spreading more convenient and consistent



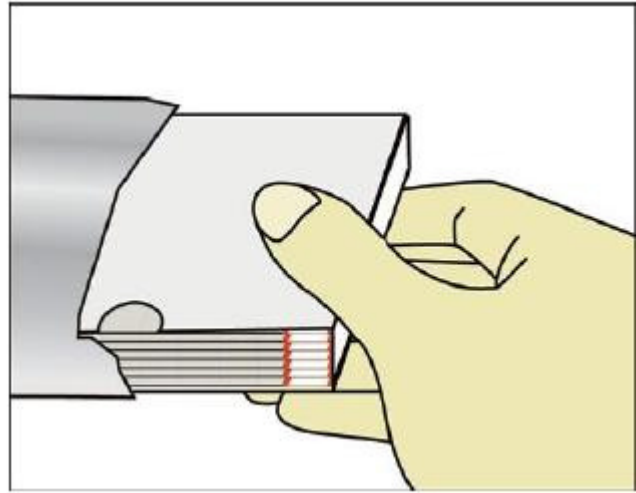
S. aureus Count Plate



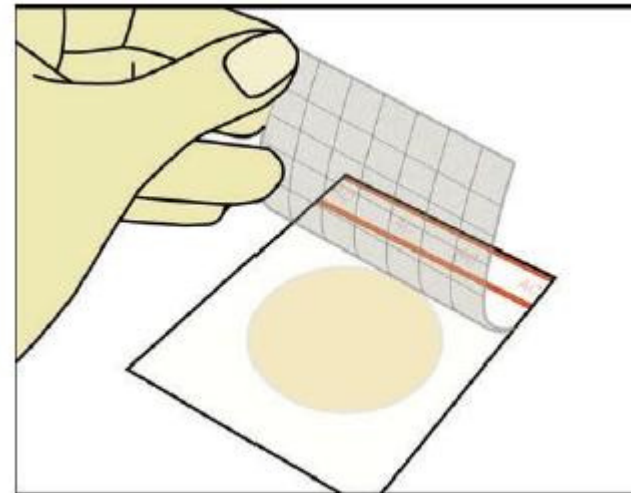
E. coli/Coliform Count Plate

Test procedure of V3 MicroFast Count Plate

Operation Procedure

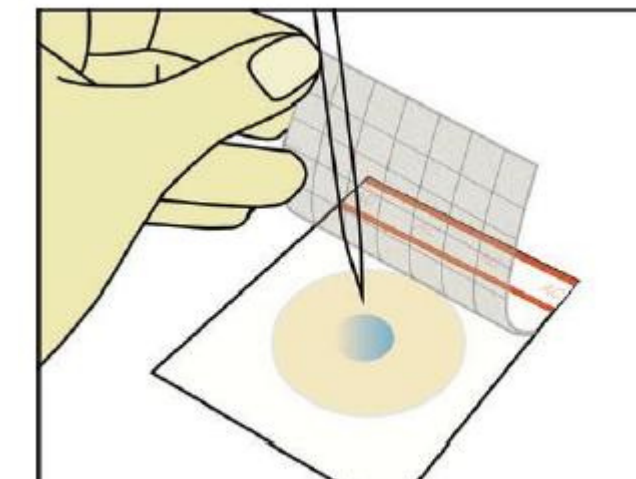


1. Take out the count plate



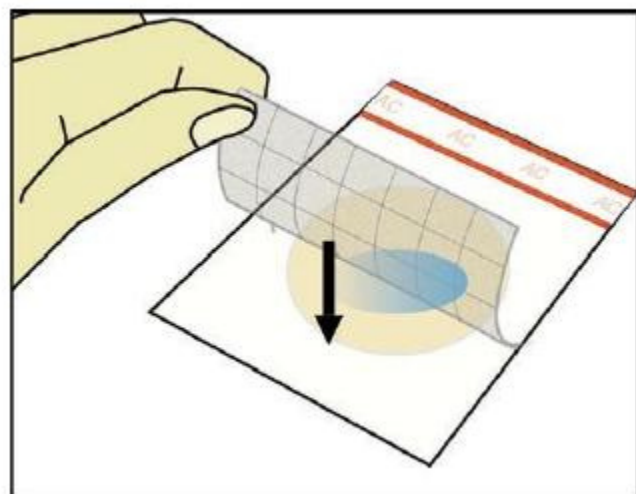
2. Lift the top film

Note: Lift the top film by thumb and forefinger with the other fingers pressing on the top label. Don't touch the culture area.



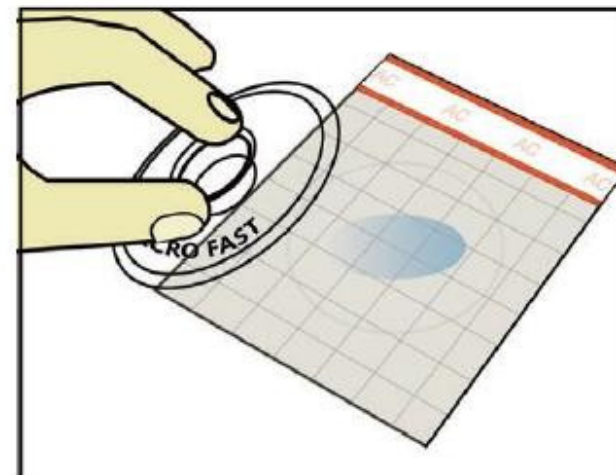
3. Inoculate 1mL of liquid sample

Note: The pipette should be vertical.



4. Cover the top film

Note: It is not necessary to press the film.

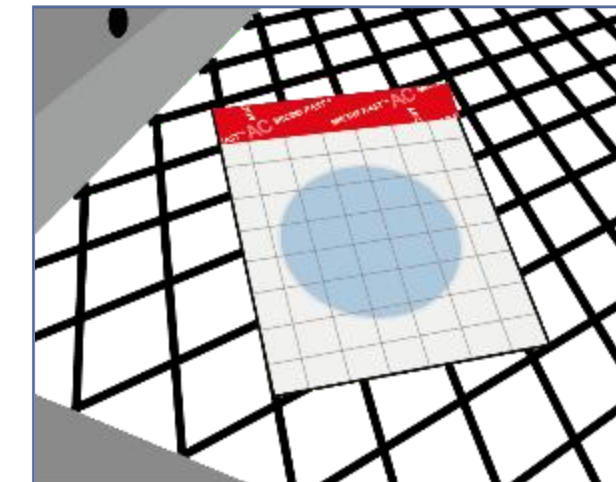


5. Place the MicroFast Spreader on the center of the plate.

Note: Please spread the sample right after the inoculation, one plate at a time.

Press gently on the center to distribute the sample.

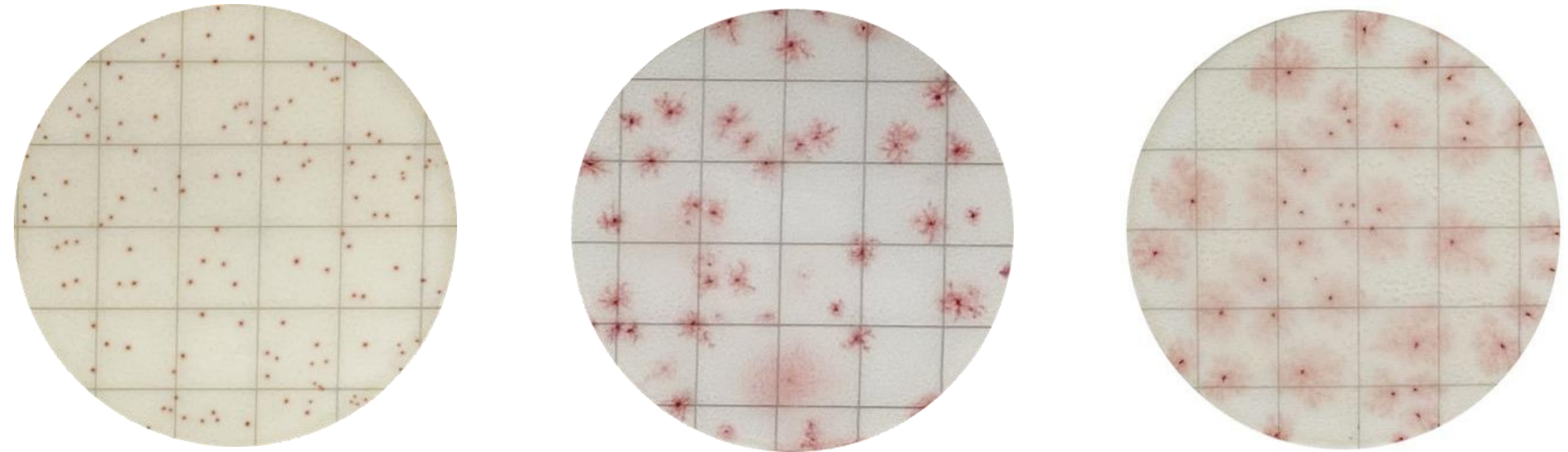
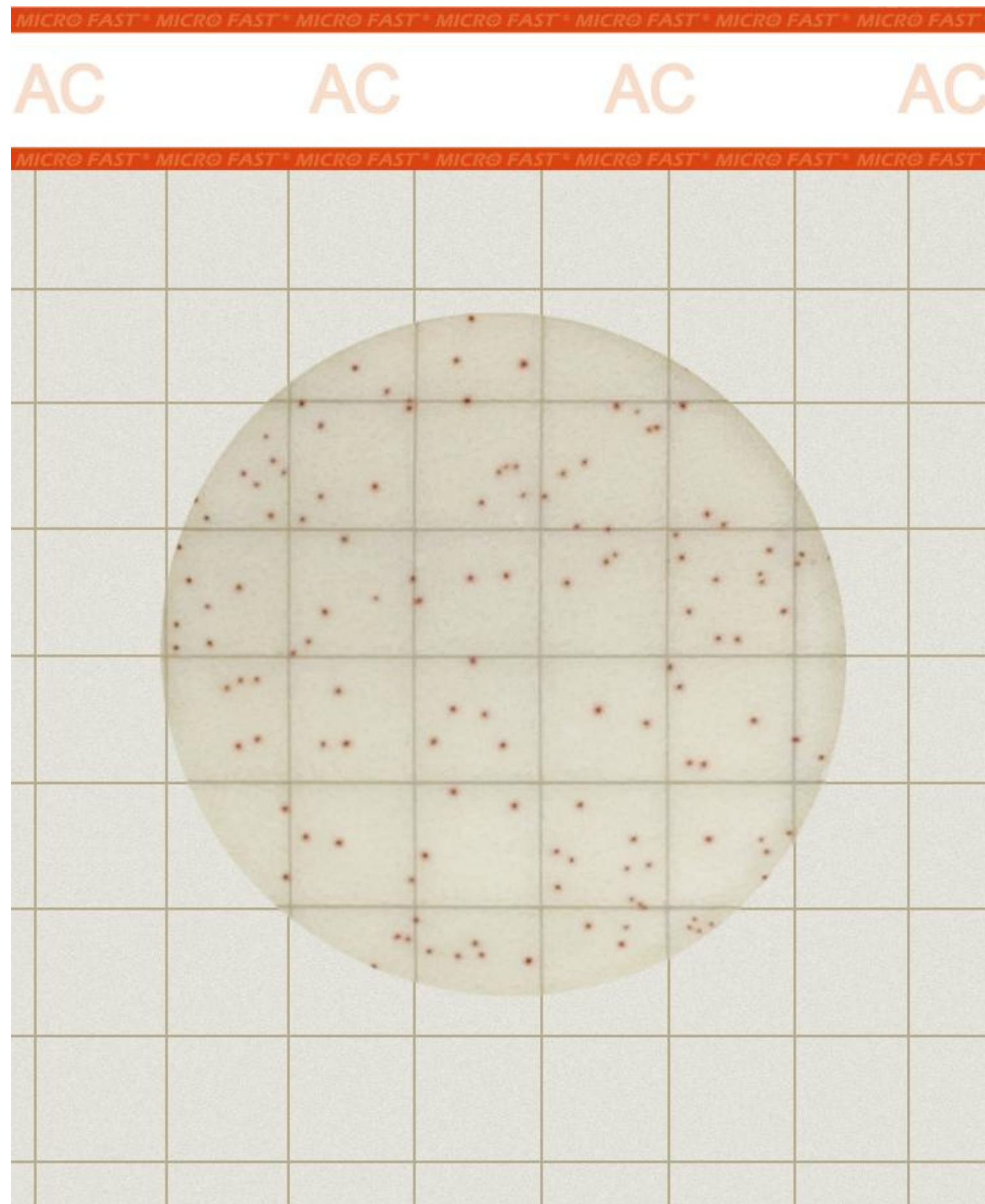
leave the plate undisturbed for at least two minutes to permit the gel to form



6. Incubate

Note: Place the count plate horizontally with the top film up with no more than 20 pieces overlapped.

Premium Aerobic Count Plate



Product Name: LR1301

Incubation & Interpretation: 36°C±1°C, 24-48h, count red colonies.

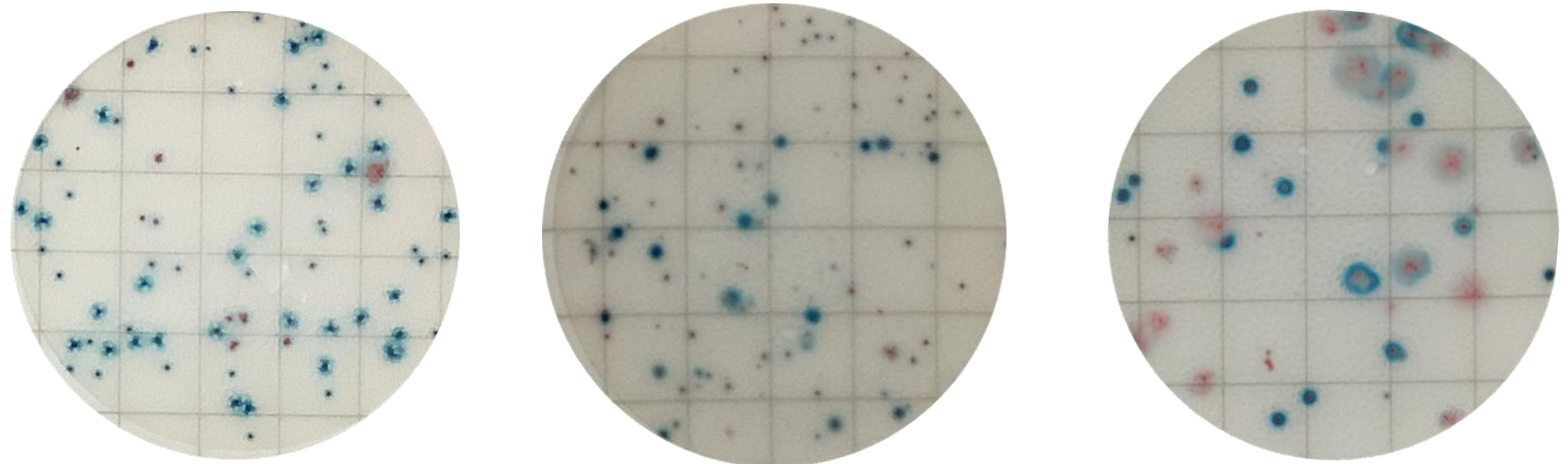
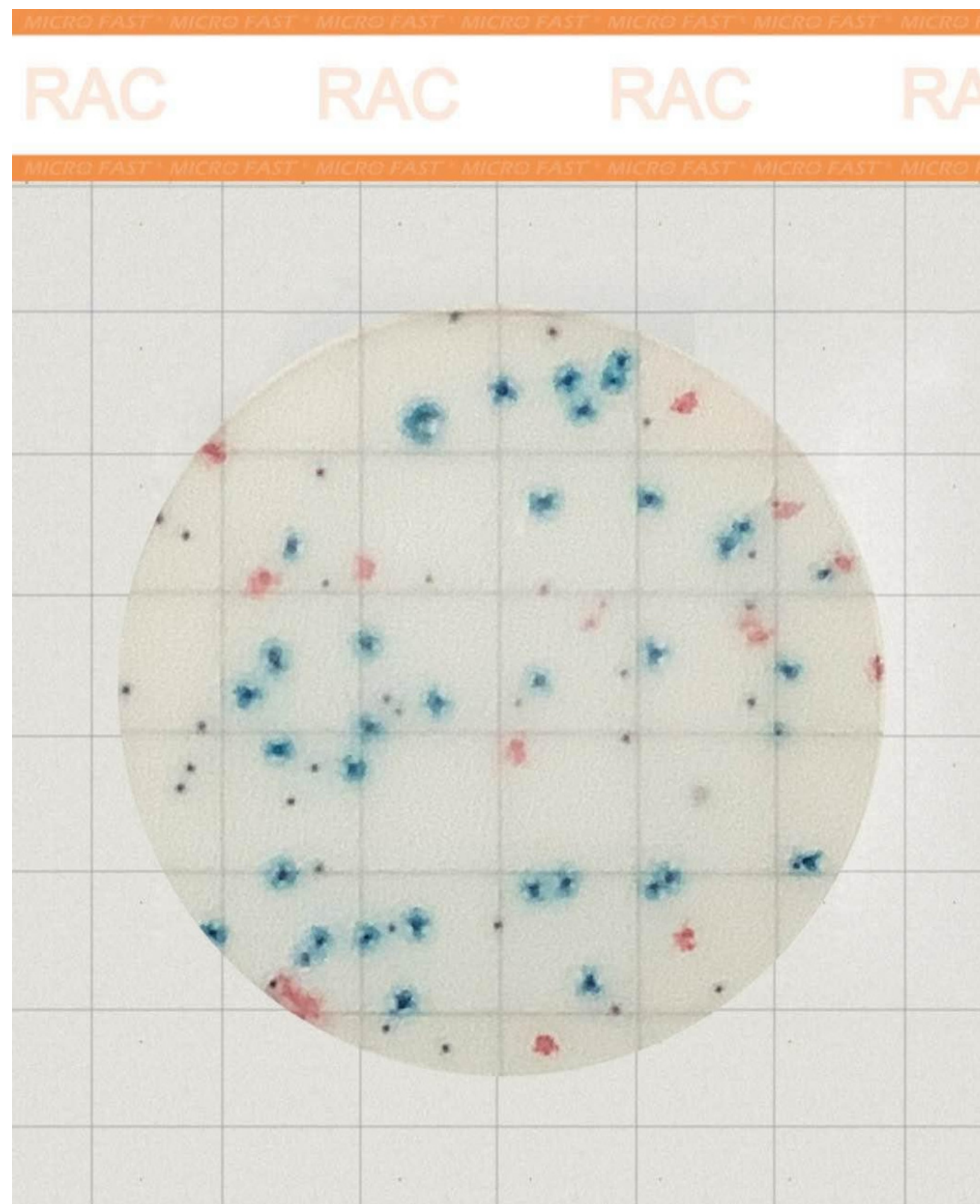
✓Ready-to-use culture medium saves time and effort, avoids errors

✓24h* Interpretation

✓Dispersion effect of bacilli bacteria has been largely controlled

*24h interpretation is not applicable to all sample types and user-produced samples, so it is recommended that users have fully validated and compared if they need to shorten the incubation time.

Premium Rapid Aerobic Count Plate

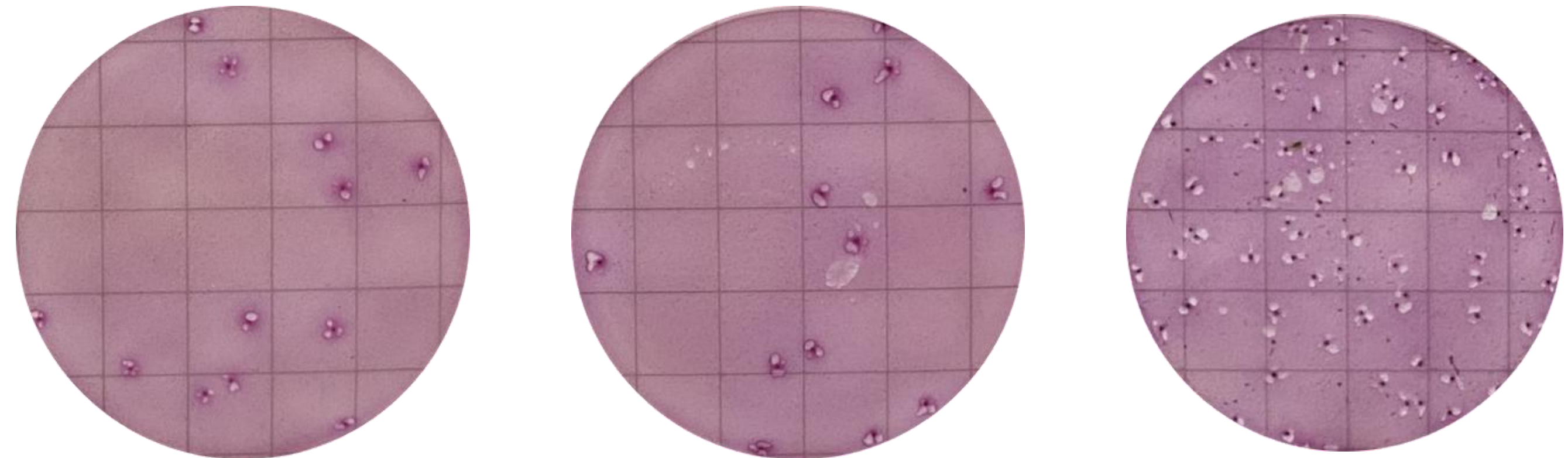
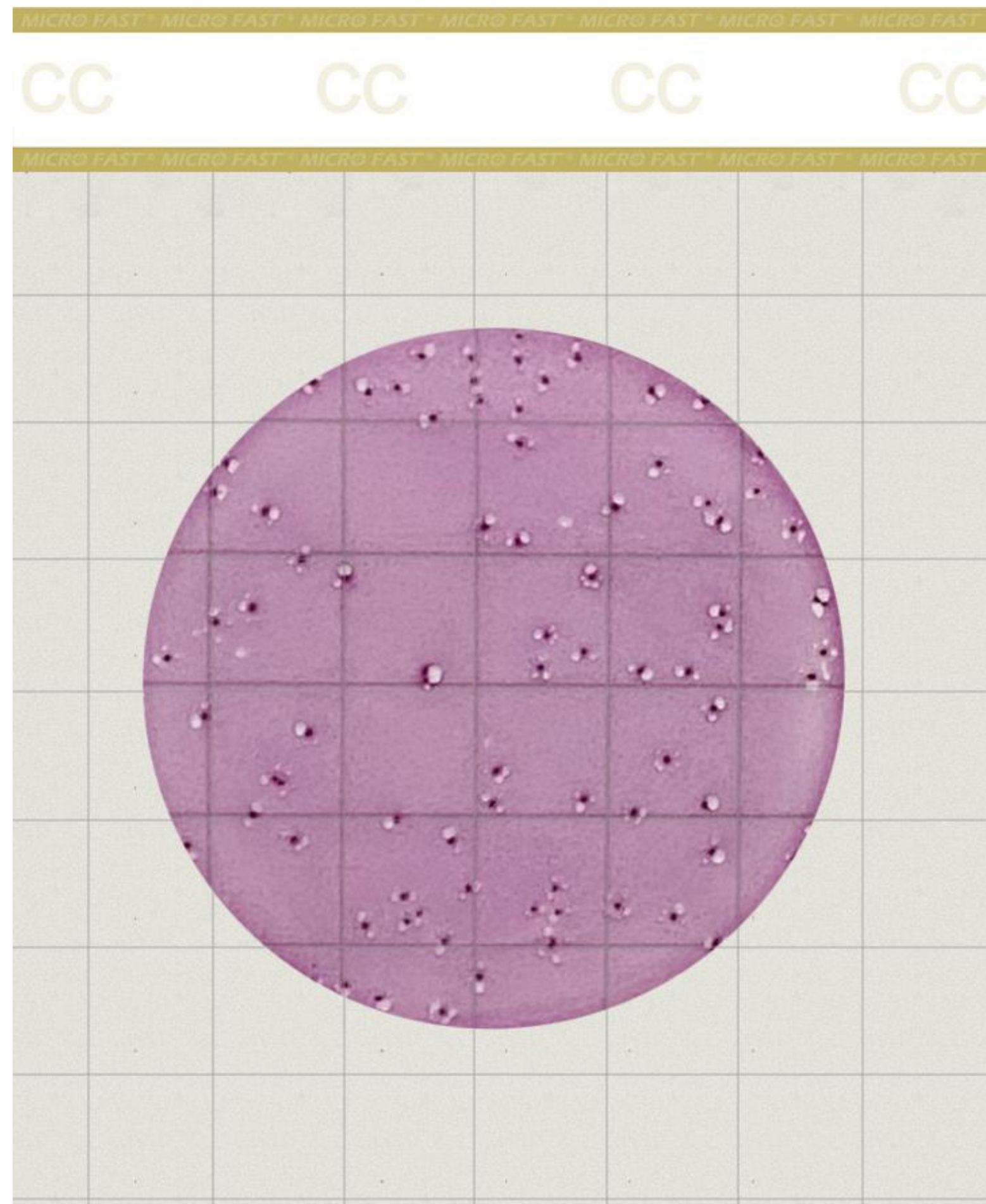


Product Name: LR1321

Incubation&Interpretation: 36°C±1°C, 24h, count red and blue colonies

- ✓ 24h Interpretation
- ✓ Innovative chromogenic agent system can promote rapid colony growth and develop color
- ✓ The foam groove structure makes inoculation and pressing plate more convenient
- ✓ Ready-to-use culture medium saves time and effort, avoids errors
- ✓ Led the formulation of the "Rapid Determination of aerobic plate count in food Dry rehydratable film method"

Premium Coliform Count Plate

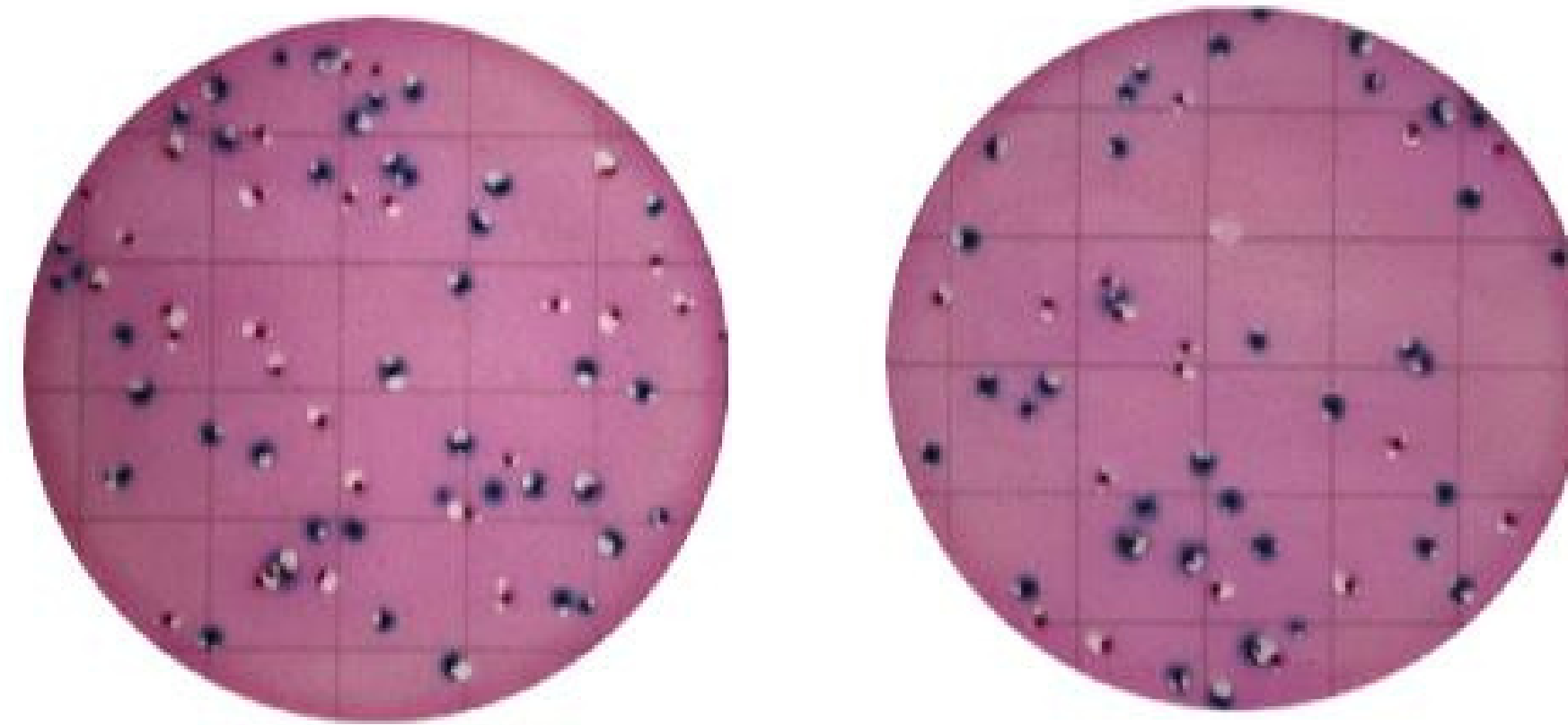
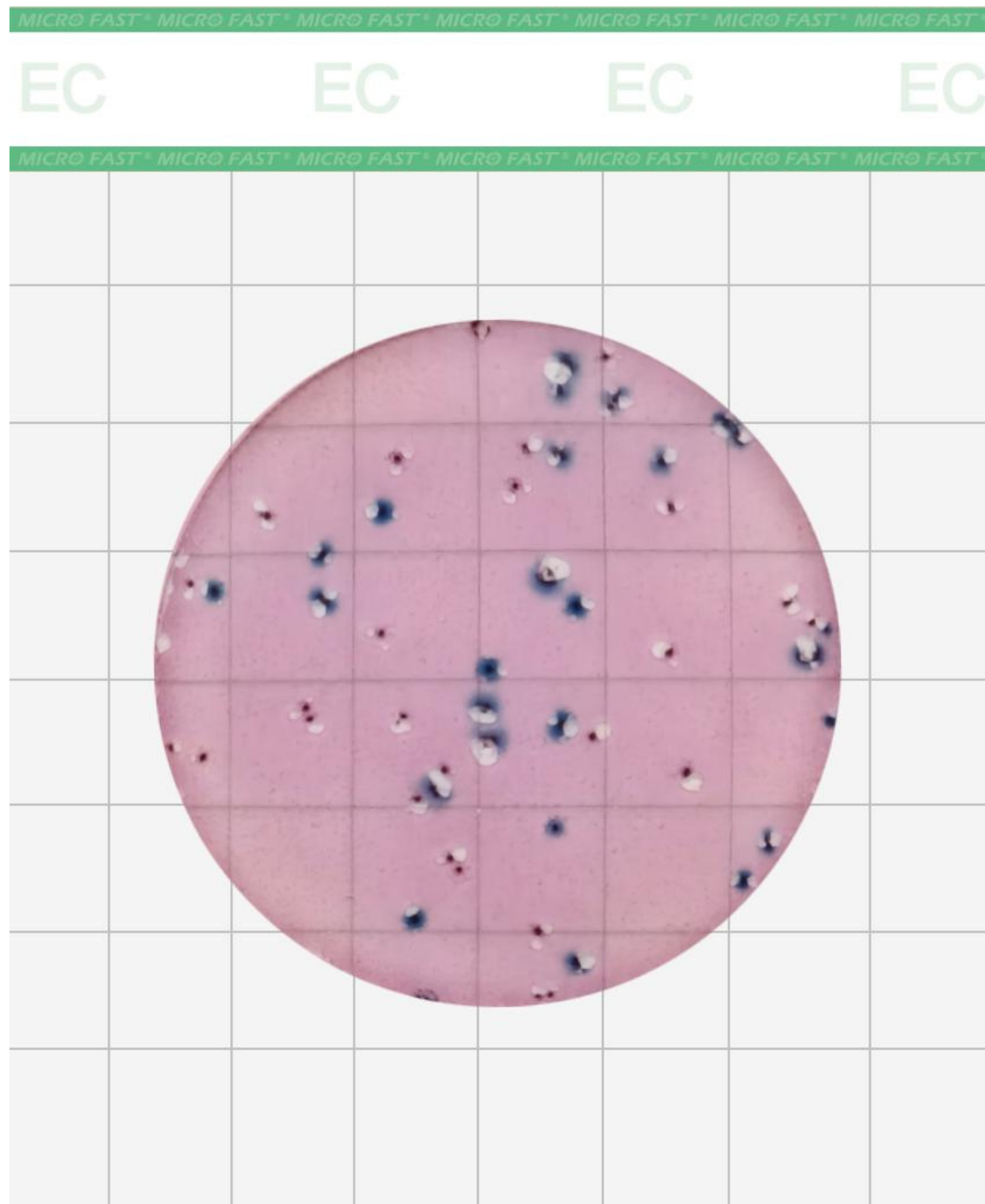


Product Name: LR1302

Incubation&Interpretation: 36°C±1°C, 18-24h, count red colonies with bubbles

- ✓ Ready to use, saving time and effort, avoiding errors
- ✓ Simple operation, no need of confirmation experiments, 18-24h interpretation
- ✓ Easy counting, counting gas producing with red colonies

Premium E. coli/Coliform Count Plate

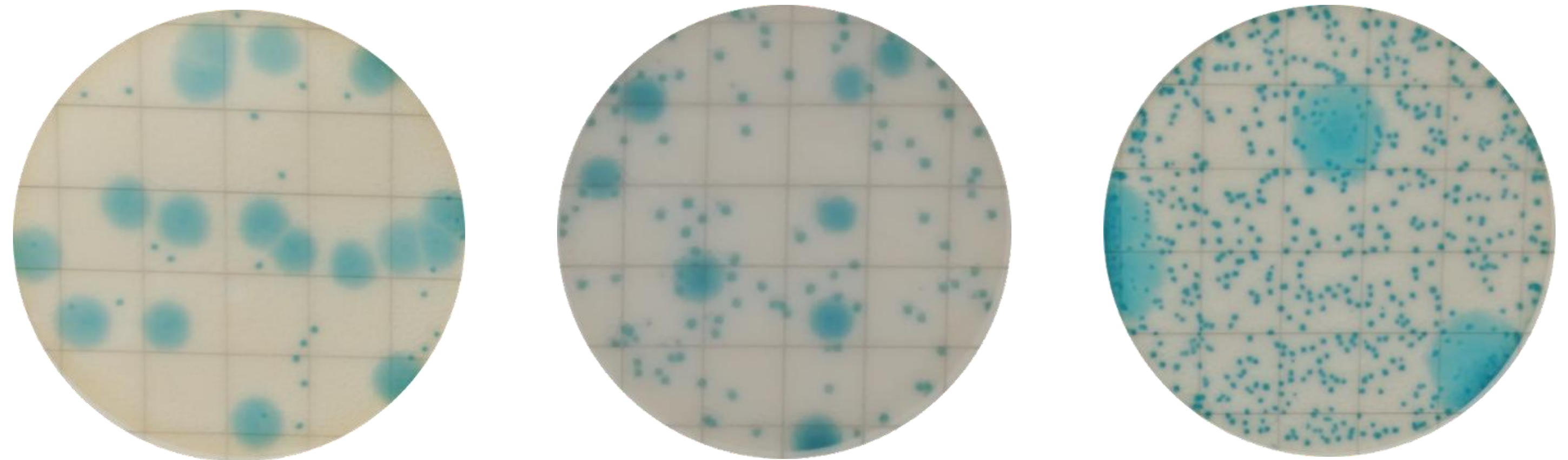
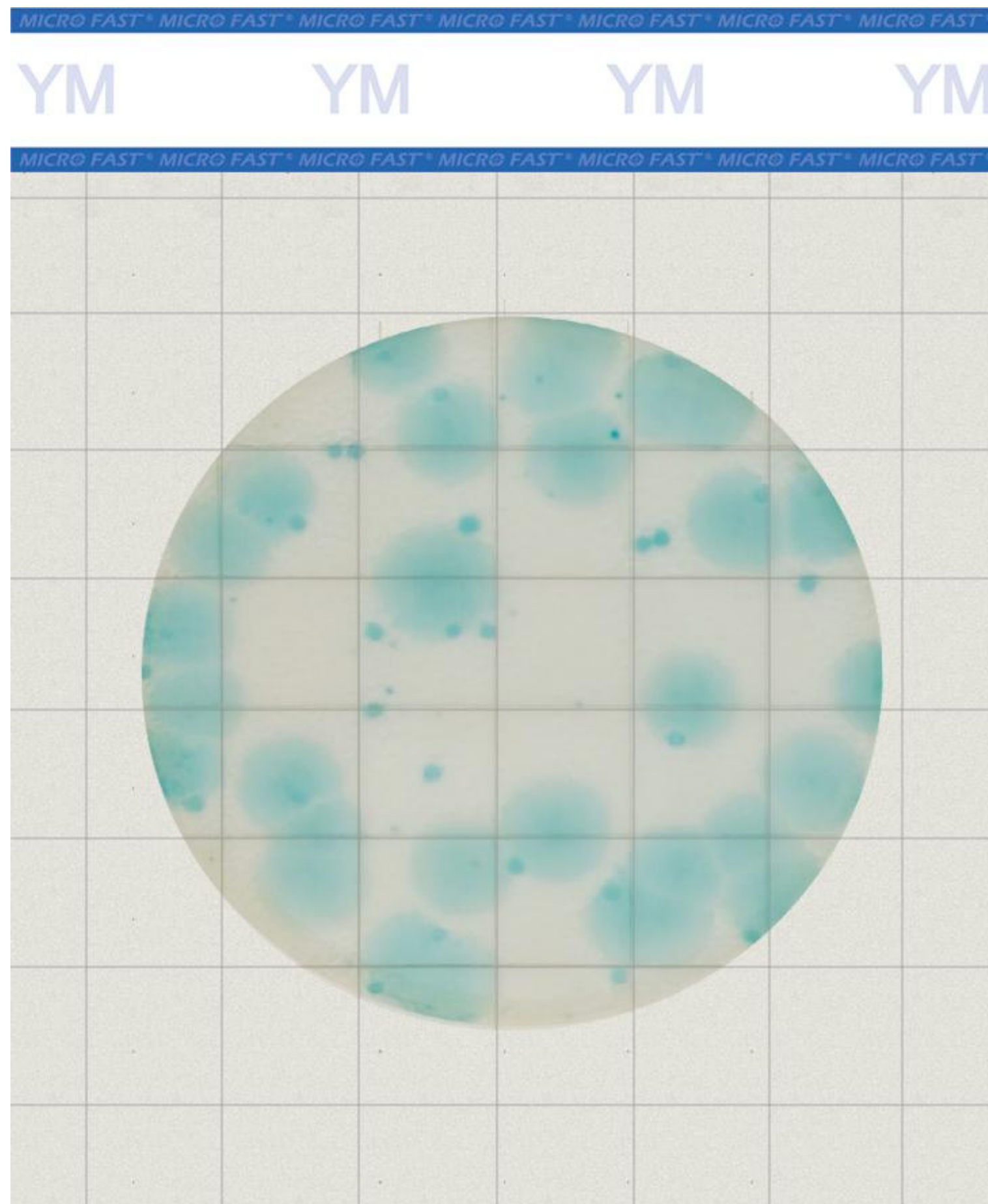


Product Name: LR1307

Incubation & Interpretation: 36°C±1°C, 18-24h, Easy counting of read and blue colonies

- ✓ 18-24h Interpretation
- ✓ The foam groove structure makes inoculation and pressing plate more convenient
- ✓ Ready-to-use culture medium saves time and effort, avoids errors

Premium Yeast & Mold Count Plate



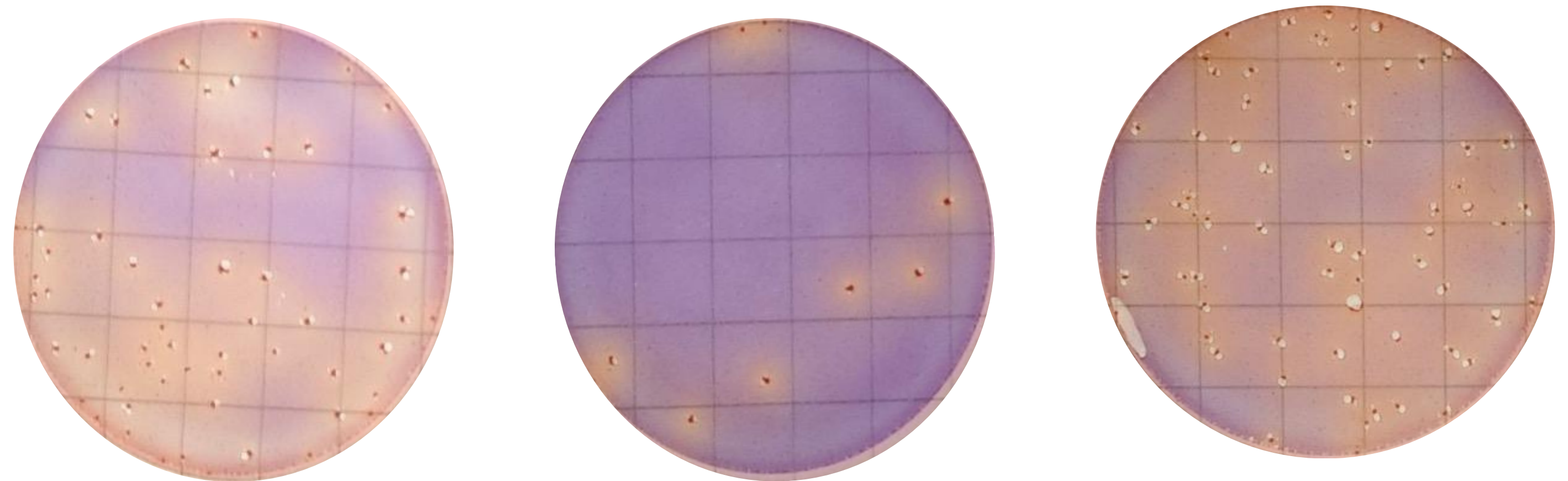
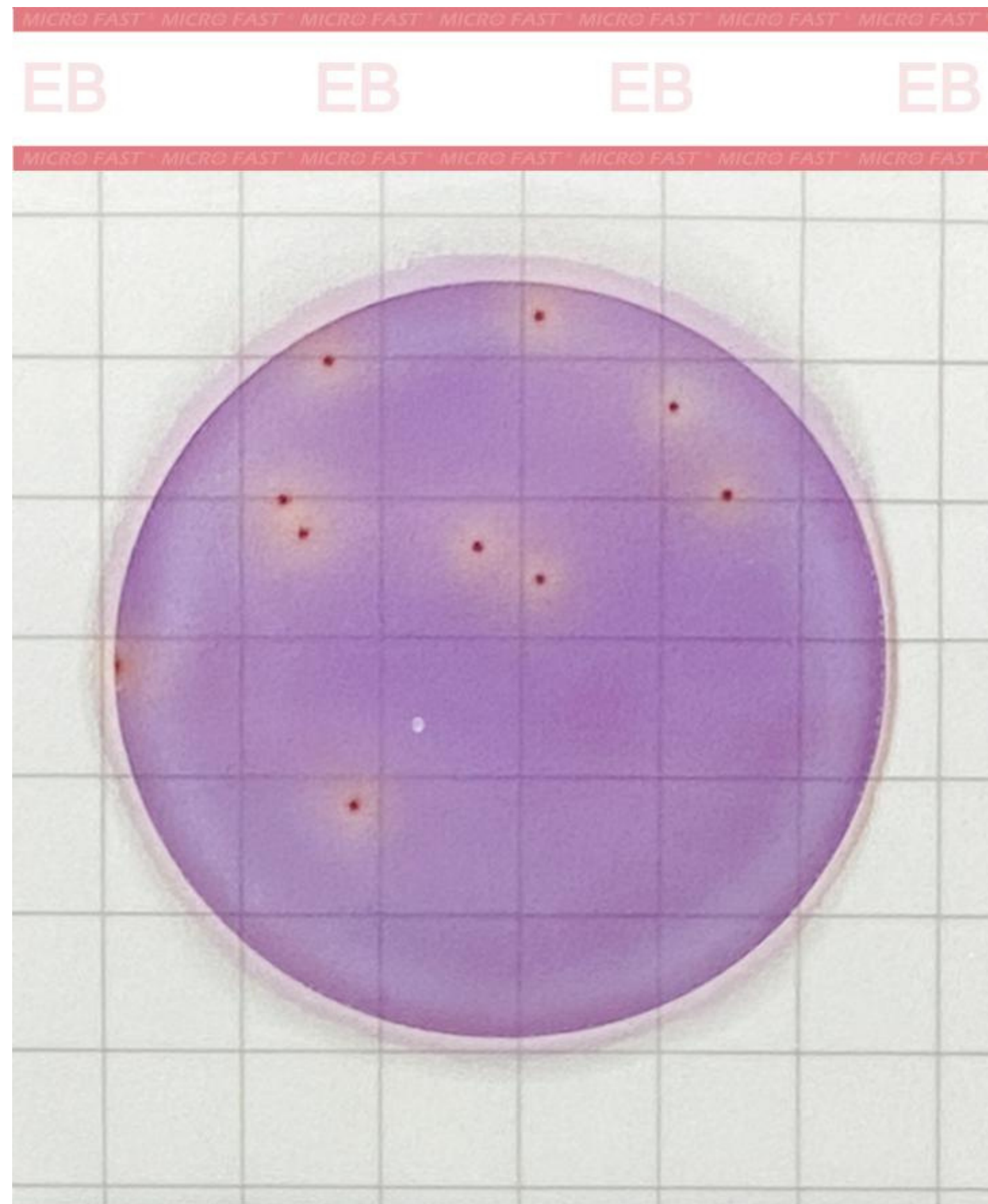
Product Name: LR1303

Incubation & Interpretation: 28°C±1°C, 48h, interpretation can be enhanced by time extended as needed

- ✓ 48h* Interpretation
- ✓ Innovative chromogenic agent system can develop color for most molds
- ✓ The foam groove structure makes inoculation and pressing plate more convenient
- ✓ Ready-to-use culture medium saves time and effort, avoids errors

*Interpretation can be enhanced by time extended as needed

Premium Enterobacteriaceae Count Plate

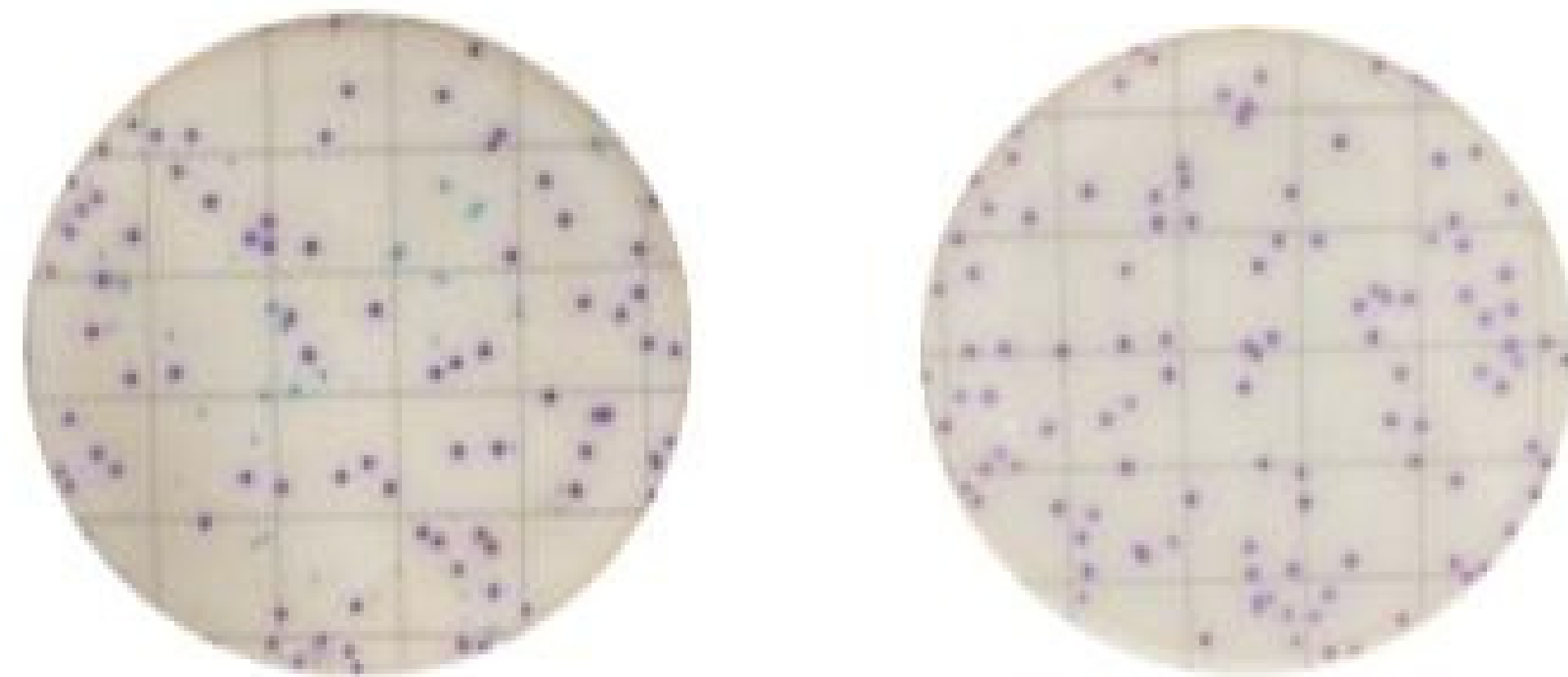
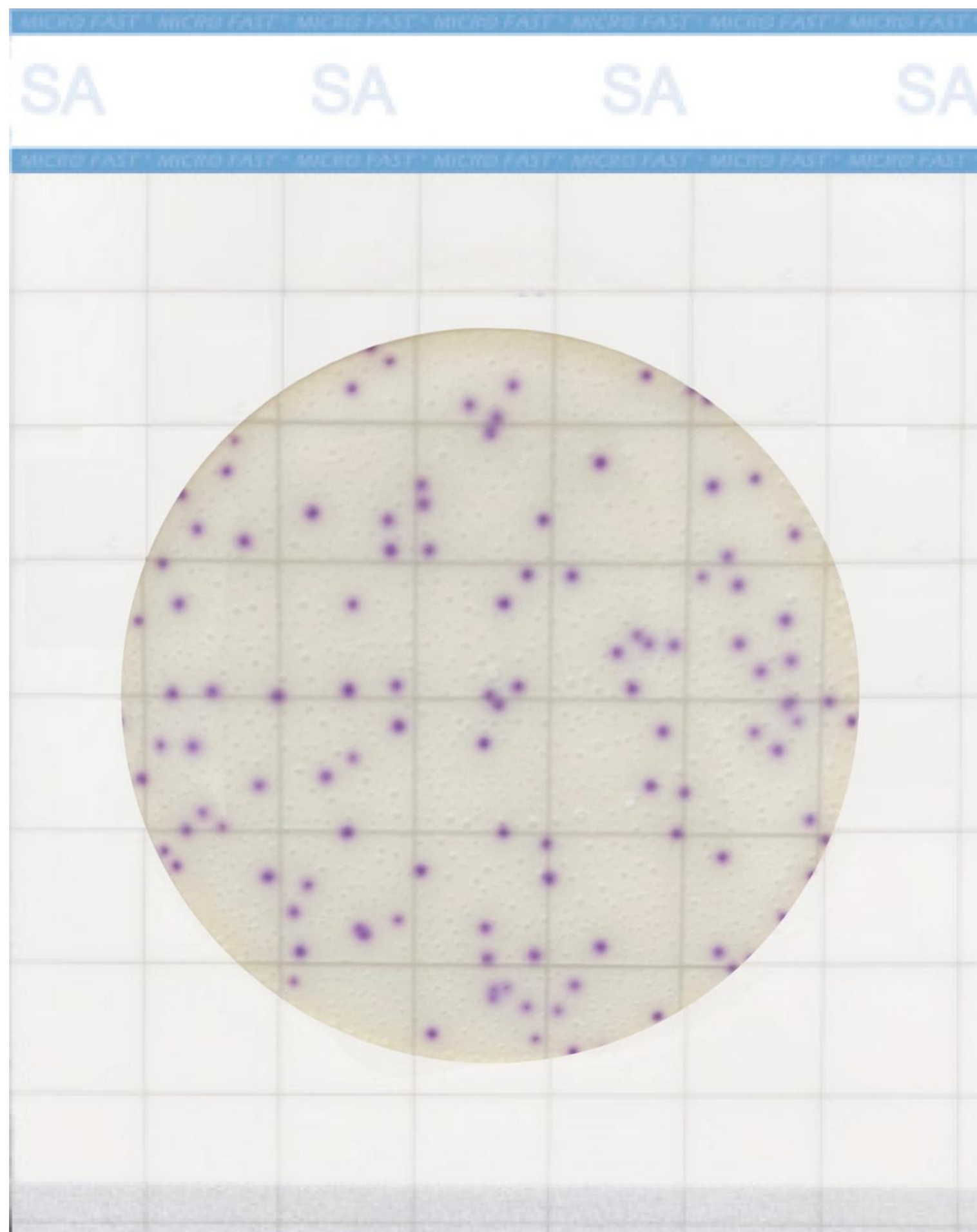


Product Name: LR1311

Incubation & Interpretation: 36°C±1°C, 18-24h, count red and yellow colonies with yellow halos, with or without bubbles

- ✓ 18-24h Interpretation
- ✓ The foam groove structure makes inoculation and pressing plate more convenient
- ✓ Ready-to-use culture medium saves time and effort, avoids errors

Premium *S. aureus* Count Plate

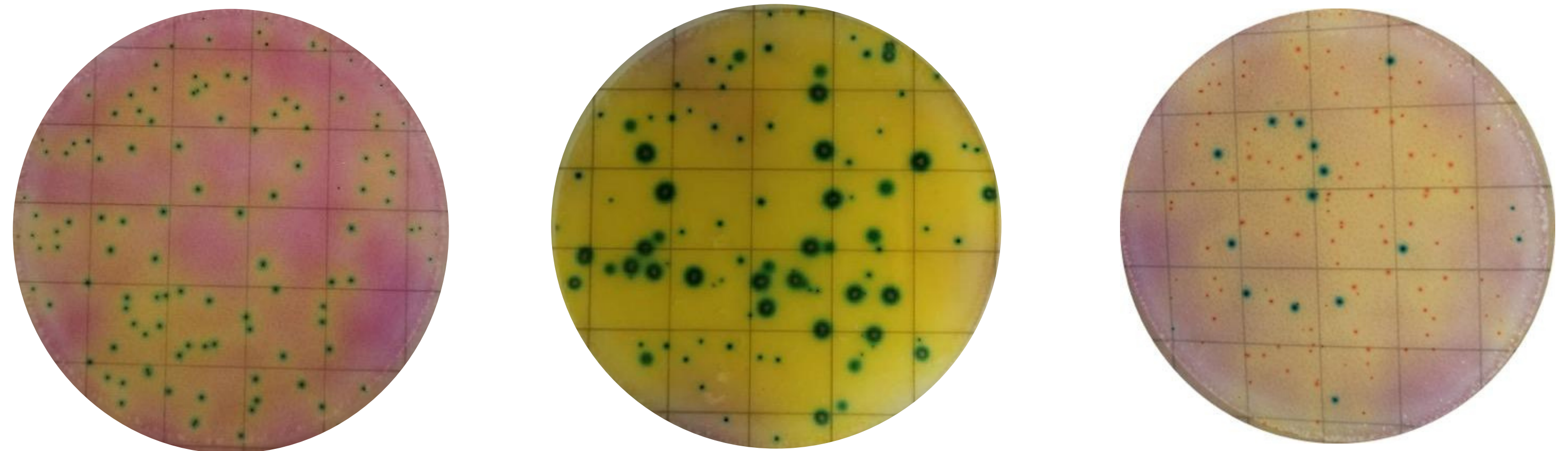
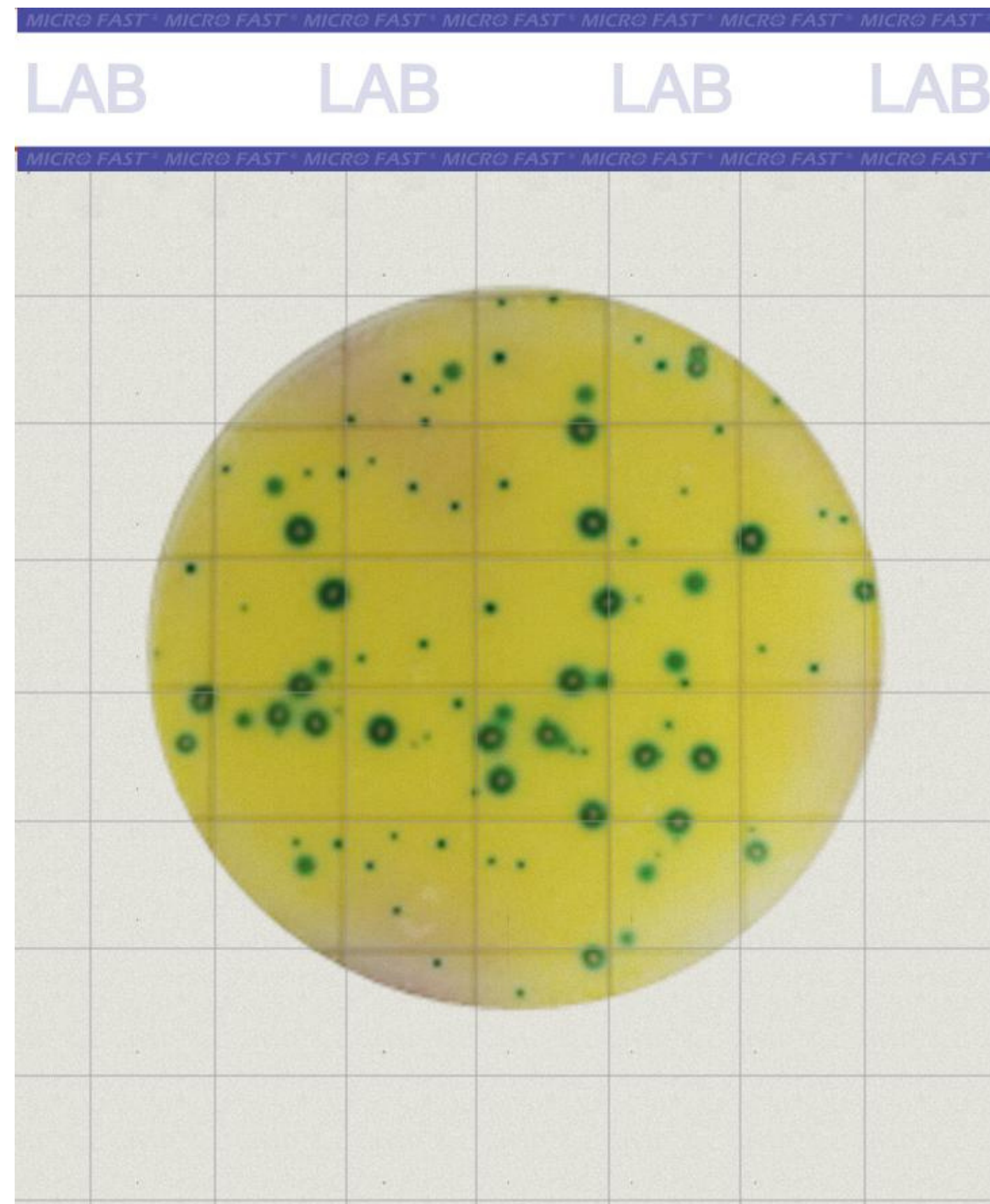


Product Name: LR1305

Incubation & Interpretation: 36°C±1°C, 22-26h, pink/purple is *S. aureus*, blue/grey other *Staphylococcus*.

- ✓ Confirmation of *S. aureus* built in
- ✓ 24h Interpretation
- ✓ The foam groove structure makes inoculation and pressing plate more convenient
- ✓ Ready-to-use culture medium saves time and effort, avoids errors

Premium Lactic acid bacteria Count Plate



Product Name: LR1312

Incubation&Interpretation: 36°C±1°C, 48h, count red and blue-green to blue colonies with or without yellow halos

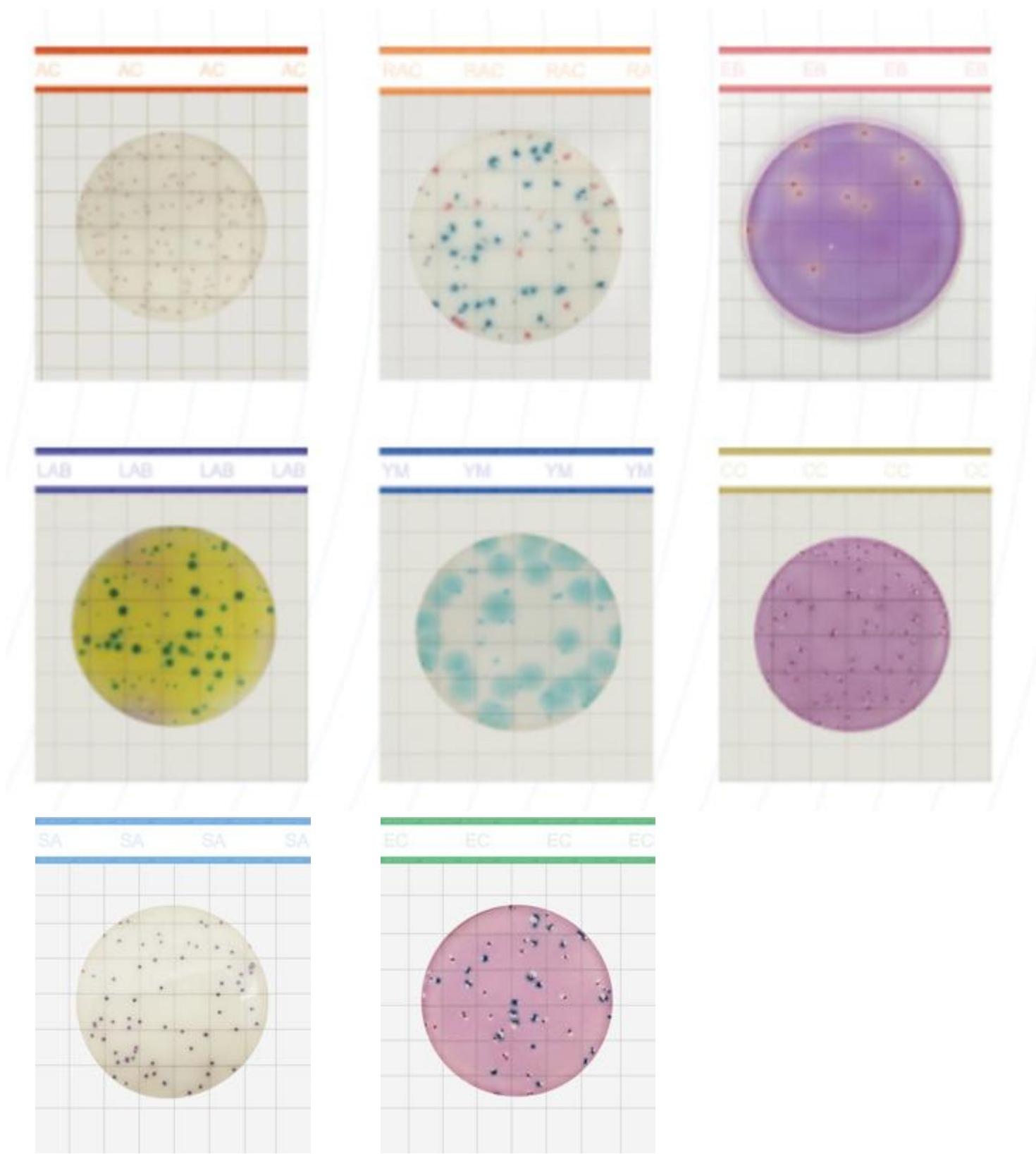
- ✓No need to use special anaerobic equipment*
- ✓48h Interpretation
- ✓The foam groove structure makes inoculation and pressing plate more convenient
- ✓Ready-to-use culture medium saves time and effort, avoids errors
- * Bifidobacterium needs anaerobic incubation

Microbial Premium Count PlateValidations

V3 Count Plate	Time to Market	AOAC-PTM	AOAC-PTM Action plan
Aerobic Count Plate (AC)	Ready	Ready	Renewal
Coliform Count Plate (CC)	Ready	Ready	Renewal
Yeast & Mold Count Plate (YM)	Ready	Q1 2026	New Validation
Rapid Aerobic Count Plate (RAC)	Ready	Q1 2026	New Validation
Enterobacteriaceae Count Plate (EB)	Ready	Ready	Modification
<i>Staphylococcus aureus</i> Count Plate (SA)	Ready	Ready	Modification
Coliform/ <i>E.coli</i> Count Plate (EC)	Ready	Ready	Modification
Lactic acid bacteria Count Plate (LAB)	Ready	/	/

Notes:

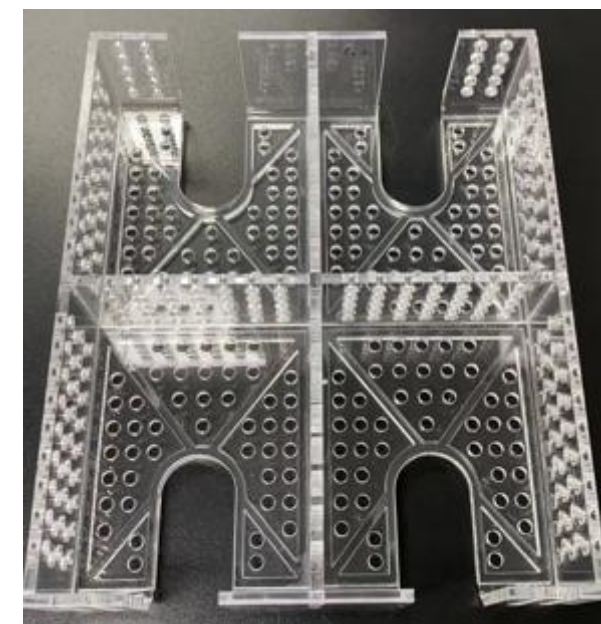
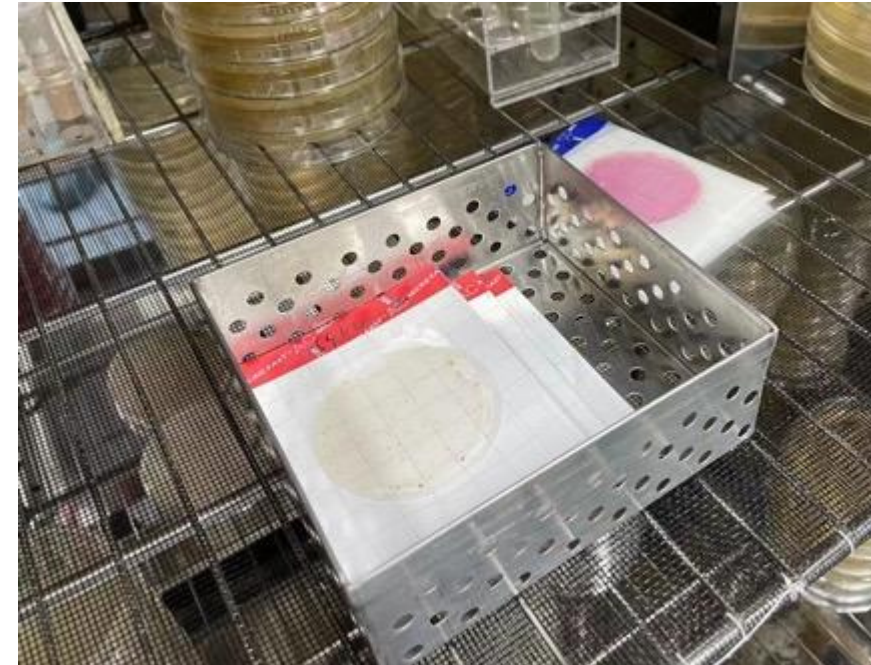
- 1.LAB:no validation requirement (PM, R&D, Sales).
- 2.AOAC-OMAandISOcertificationshavebeenconsulted on process and verification requirements and are not currently being initiated.



MicroFast Accessories



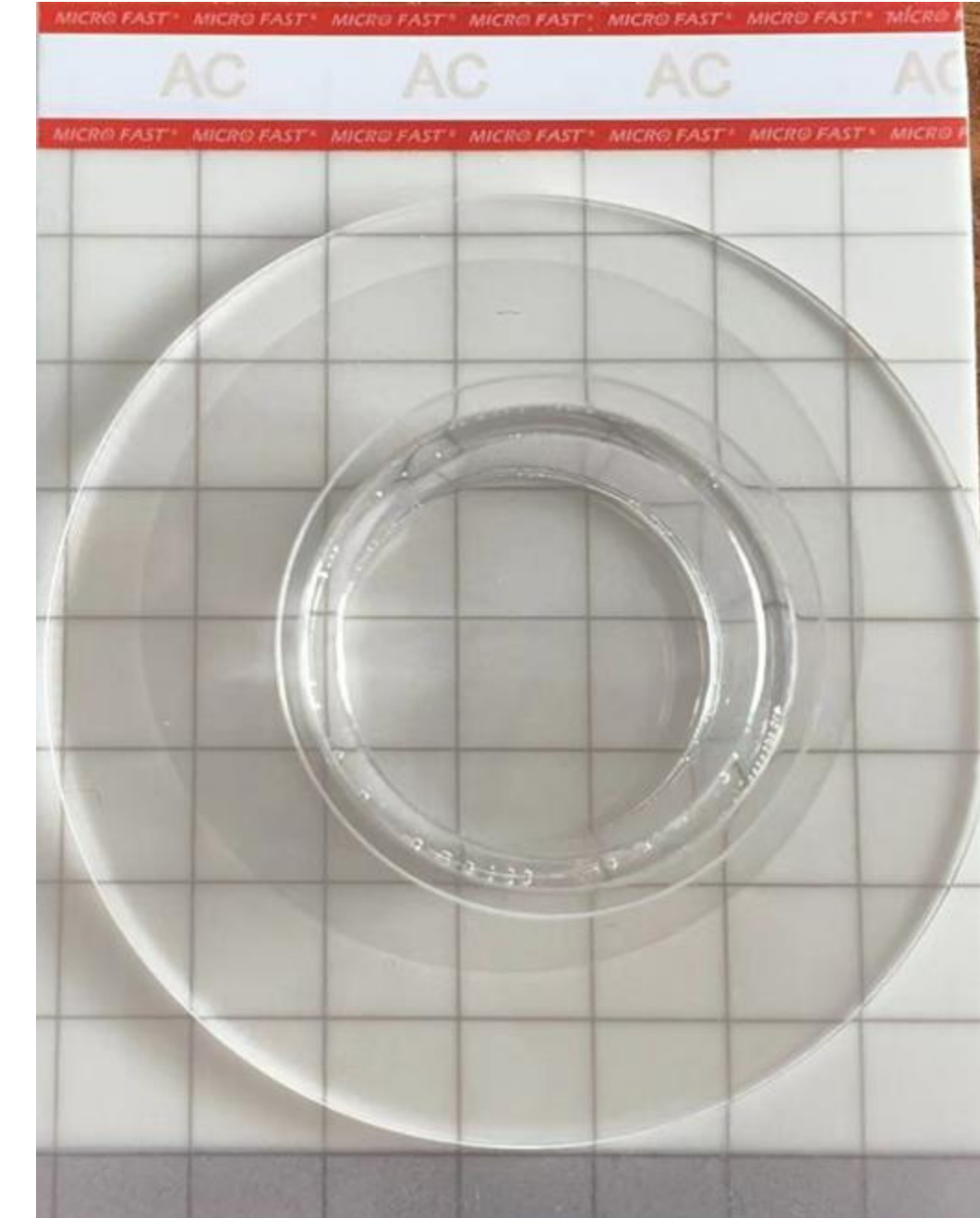
Sealing Clip



Portable Incubation Basket



Backlight Panel



Spreader (essential tool)

Note: The tools shown above can be equipped with the order on demand.

MicroFast Reader

Product Features

Specifically designed for Meizheng Premium series count plates



Accurate results

Utilize advanced optical components, the latest deep learning algorithms, and an autonomous learning model to continuously improve the accuracy.



Efficiency and convenient

Automatically inhaled, photographed, analyzed and exited, the results can be obtained within 3 seconds, more than 50 times efficient than traditional manual counting, support manual correction



Intuitive interface

Adopting a minimalist interactive design and equipped with an intelligent automatic analysis mode, users can complete the operation without training.



Compact design

Adopting a compact design concept, the whole machine is only 2.5Kg.
Volume: (L×W×H) 185mm*145mm*330mm



Equipped consumables

Disposable cleaning tablets, automatically sterilize and clean the instrument with minimal maintenance methods to avoid cross contamination



Customized service

The mobile mini-program can meet the needs of various types of mobile phones and runs smoothly.

