

MicroFast® Staphylococcus aureus Confirmation Plate

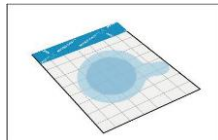
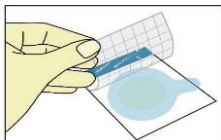
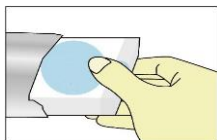
MF1005Q

Introduction

MicroFast® Staphylococcus aureus Confirmation Plate is a sample-ready-culture medium system. It is intended for colony confirmation of Staphylococcus aureus. It uses innovative technologies such as rapid diffusion systems and new-generation microbial coloration to achieve rapid proliferation and interpretation of colonies, greatly improving the detection efficiency in the laboratory. The plate contains improved media, cold-water-soluble gelling agent and indicator that facilitates colony enumeration. Certified to International Organization for Standardization (ISO) 9001 for design and manufacturing.

Operation Procedure

1. Open the package and place the MicroFast Staphylococcus aureus Confirmation Plate on a flat, level surface.
2. Lift the top film of cultured MicroFast Staphylococcus aureus Count Plate (MF1005) whilst supporting the plate without touching the test area.
3. Transfer the rough side of MicroFast Staphylococcus aureus Confirmation Plate completely onto the culture area of MicroFast Staphylococcus aureus Count Plate (MF1005) by lifting the MicroFast Staphylococcus aureus Confirmation Plate using the TAB in the picture.

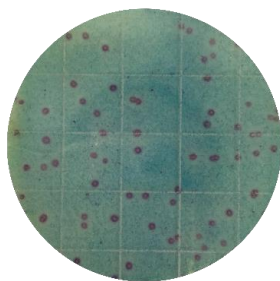


Incubation

Incubate MicroFast plates in a horizontal position with the film upwards. Culture at 36±1°C for 1.5-4h.

Interpretation

After cultivation, Staphylococcus aureus appears dark violet.



Storage

1. The shelf life of count plate is 18 months. Use up within the shelf life. Lot number can be found on the pouch.
2. The count plates components are sterilized. Unopened count plates should be stored at 2°C-8°C. Equilibrate the count plate to room temperature before use.
3. After unsealing, stick the pouch with adhesive tape or seal it with a sealing clip, store it in the dark at room or ambient temperature 15°C-25°C, and use it up within one month.
4. When transporting or short-term storage, store the count plate at room temperature (18-30°C).

Warnings and Precautions

- The user should read, understand, and follow all safety information in the instructions before use.
- For the disposal of biohazardous waste, comply with current industry standards and local

requirements. It is recommended that used count plates be sterilized before disposal.

- Follow all product storage guidelines included in the insert. Do not use after the expiration date.
- MicroFast® Staphylococcus aureus Confirmation Plate testing should be done in a professionally equipped laboratory under the supervision of a skilled microbiologist. The user must train its staff on the current testing methods.
- MicroFast® Staphylococcus aureus Confirmation Plate have not been reported for application in industries other than food and environmental samples. Use within the suggested scope.
- MicroFast® Staphylococcus aureus Confirmation Plate have not been evaluated with all possible food products, food processes, testing protocols or with all possible microorganism strains.
- As a general precaution, clean the workstations with the disinfectant of choice (e.g., sodium hypochlorite solution, phenol solution, quaternary ammonium solution) before and after, in addition to having work areas separated for the following: media preparation, sample preparation, and indicator organism enumeration. Gloves and other personal protective equipment should always be used.
- Count plate may contain microorganisms that may be a potential biohazard. Follow current industry standards for disposal.
- Keep the count plate away from ultraviolet, direct sunlight and fluorescent lamp.
- Do not use the polluted or damped count plate.
- If the pH of the test sample is too high or too low, it will affect the accuracy of the test results.
- When uncovering the film, do not touch the culture area of the medium.
- If there are too many colonies, the detection of positive strains might be affected.
- The count plate may show a few needle-like black spots, which is normal and does not affect the interpretation of the target strain.
- If the sample is viscous, diffusion can be aided manually.
- When pipetting samples, do not touch culture area.

Limitation of Warranties

Accurate results depend on the proper use of the kit by following the instructions for use carefully. If the kit fails to perform according to specification, please contact our sales representative at Scigiene.

Limitation of Scigiene Liability

Scigiene will not be liable for any loss or damages, whether direct, indirect, special, incidental or consequential damages, including but not limited to lost profits. In no event shall Scigiene liability under any legal theory exceed the purchase price of the product alleged to be defective.

User Responsibility

Users are responsible for becoming acquainted with product instructions and information. For further information, please contact your local Scigiene dealer or distributor.

When choosing a test method, please note that external factors such as sampling methods, testing protocols, sample preparation, handling, and laboratory technique can all have an impact on the results.

When selecting a test method or product, it is the user's duty to assess a sufficient number of samples with the proper matrices and microbiological challenges to ensure that the chosen test method meets the user's criteria. It is also the user's obligation to ensure that any test methods and results fulfill the criteria of its customers/suppliers.

Results acquired from the use of any Scigiene product, like any other method, cannot guarantee the quality of the tested matrices or processes.



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