

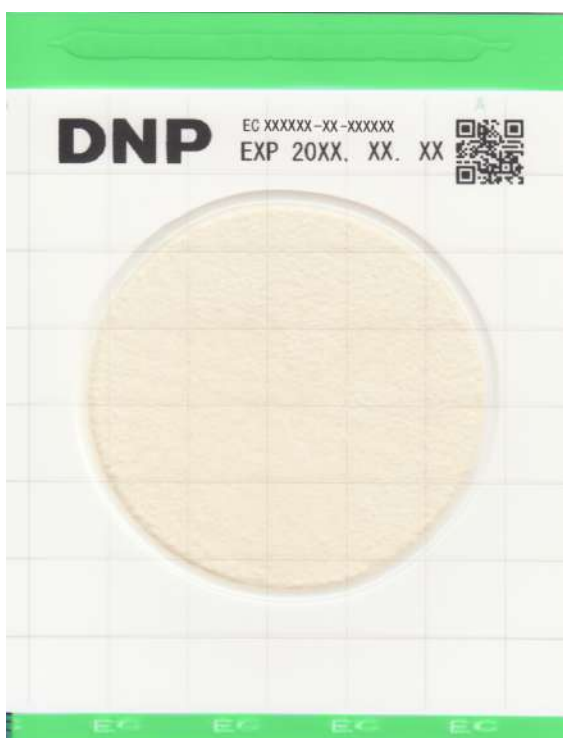
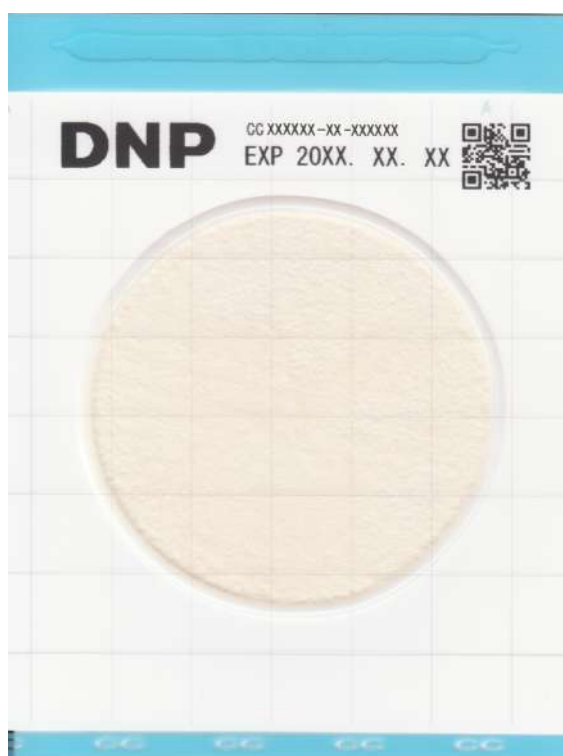


### DNP Medi-Ca Culture Media Plate

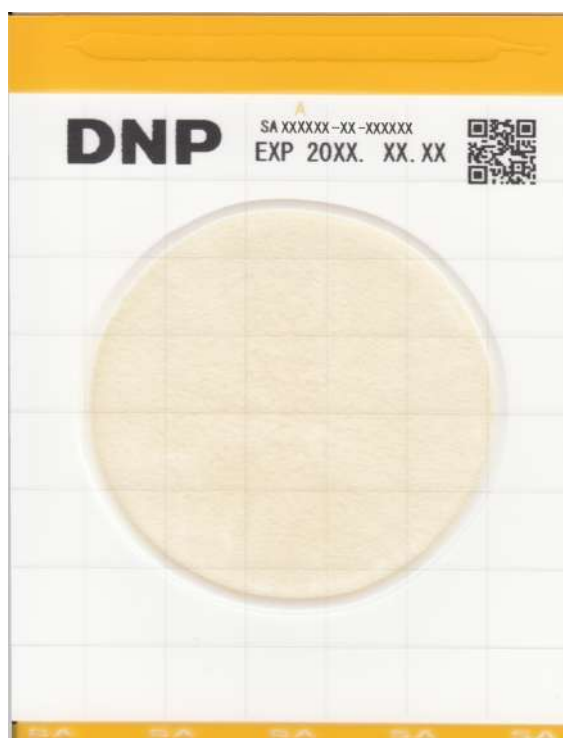
Medi-Ca AC



Medi-Ca CC



Medi-Ca EC



Medi-Ca SA



## DNP Medi-Ca Culture Media Plate

Make food microbiological testing much easier and more effective

Compared with agar medium, our product makes the detection of food microorganism easier, more standardized, and more efficient, but without pollution.

1. Culture media ready to be used after opening;
2. Colonies easy to see;
3. Reduce the culture area and waste.

### Notes

- 1) The product is used for microbiological examination of foods and beverages, and cannot be used clinically.
- 2) Do not open the tectorial membrane before transplanting the sample.
- 3) Do not use expired products.
- 4) Do not use products that are damaged, deformed, discolored, dirty, or with foreign matters.
- 5) Do not expose the product to ultraviolet light or sunlight.
- 6) Do not press the film after the sample liquid is dropped. This will cause the sample solution overflow to the outside of the culture area.
- 7) When the sample solution overflows from the culture area, replace it with a new one.
- 8) If the product enters the eye or mouth, immediately wash it with water and go to the hospital.
- 9) When using the product, it is susceptible to microbial contamination. Perform specific operations under the guidance of relevant qualified personnel.
- 10) Please note that the sample or the product that has been in contact with the sample liquid is a contaminated item.

### Preservation method

Keep in cold storage (2~8°C), fold it twice at the opening of the bag after breaking, and fix it with tape.

### Validity period

The validity period of the product is written on the aluminum bag and the upper part of the product (the date described after "EXP" is the validity period). Please use the aluminum bag within 3 months after opening.

### Abandonment method

The product has a risk of secondary pollution after use. Therefore, after proper sterilization, it should be disposed of according to the waste standards of the respective samples and related facilities.

### Guarantee responsibility

When the product defect is obvious, replace the corresponding quantity with the new product. The judgment and application of the inspection results are the user's responsibility, and the manufacturing company and the agent of the product are exempt from liability.



### Quantity per carton

Medi-Ca AC and Medi-Ca CC: 1000 sheets

Medi-Ca EC and Medi-Ca SA: 500 sheets

### Performance characteristics

#### Medium ready to be used after opening

The product does not require pre-modulation and autoclaving, just check it. No need for mixed release. Double layer coverage is easy to operate which will improve working efficiency.

#### Colonies easy to see

Due to the use of the color former, the colonies are clearly visible and easy to discriminate. It is beneficial to improve the working efficiency of counting bacteria and working standardization. In addition, since Medi-Ca AC is a bacillus, it is one of the characteristics that the coloring penetration is relatively small.

#### Reduce the culture area and waste

Compared with the culture dish, it can be reduced to about 1/15~1/20, which can reduce the storage space and the waste after use.

### Variety introduction

The Culture Media Plate Medi-Ca is not considered for personal visual differences, but produced according to the coloring universal design that most people can easily see, and is also certified by the NPO corporate coloring general design agency.

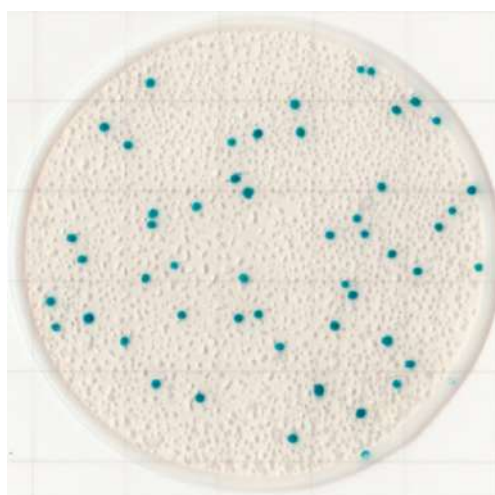
### Coloring Series

Red colony counting



红色菌落计数

Blue colony counting



蓝色菌落计数



[Escherichia coli]

Navy blue ~ blue purple bacteria counting

[Number of coliforms other than Escherichia coli]

Pink ~ purple red bacteria counting

Blue colony counting

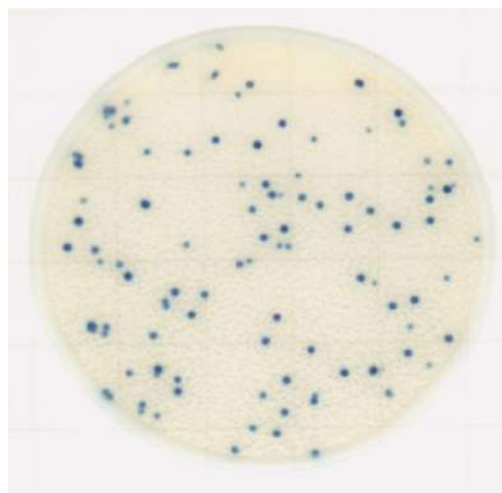


【大肠菌】

藏青~青紫色细菌计数

【大肠菌以外的大肠菌数量】

粉红~紫红色细菌计数



蓝色菌落计数

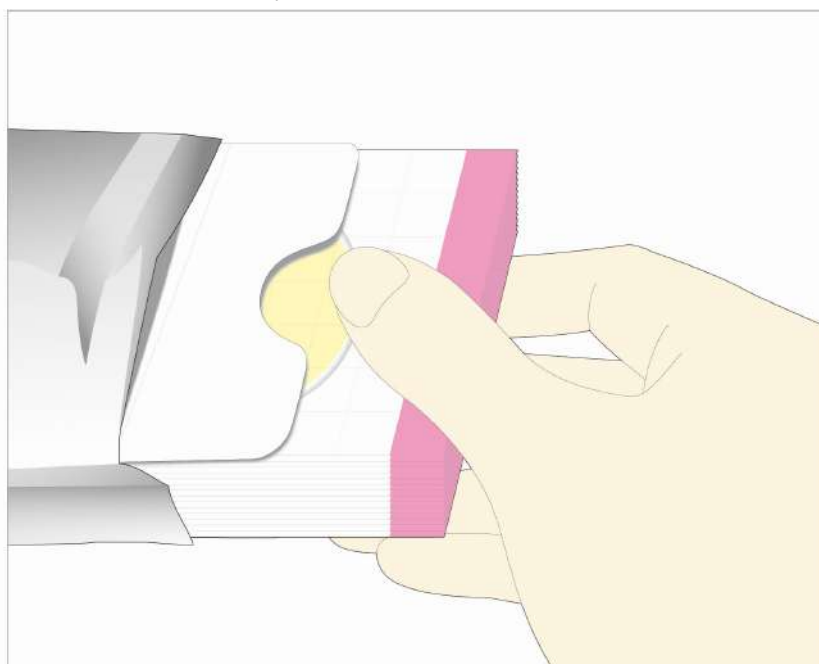
## Usage Method

### 1. Sample liquid preparation

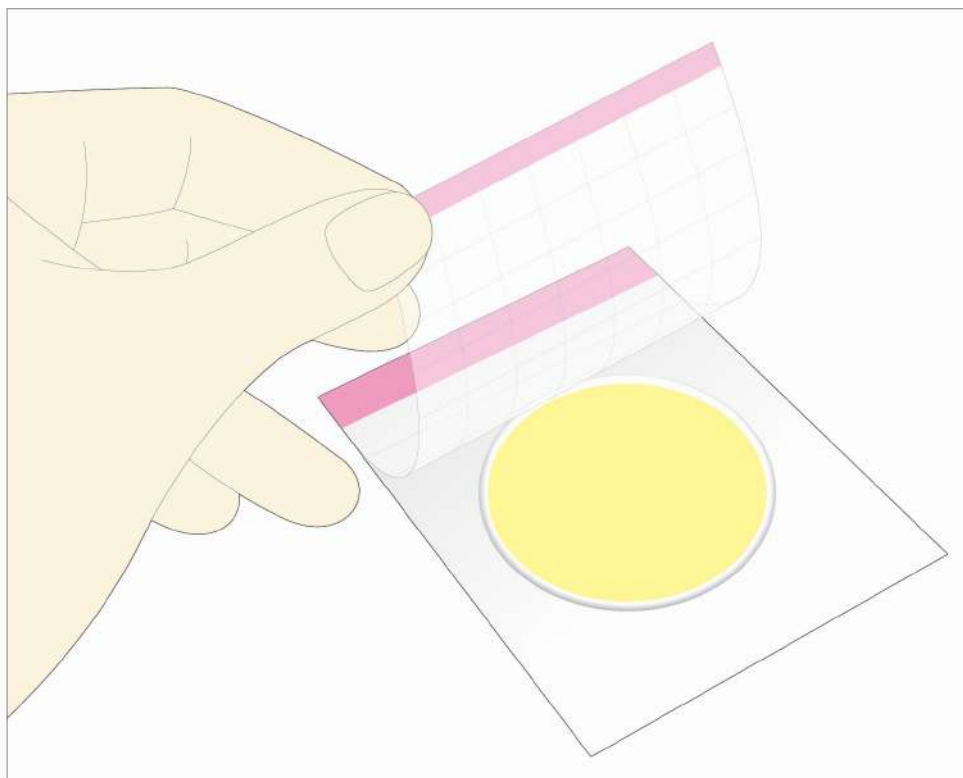
Add appropriate sterile dilutions to the sample and homogenize with a homogenizer.

### 2. Pipetting into the culture area

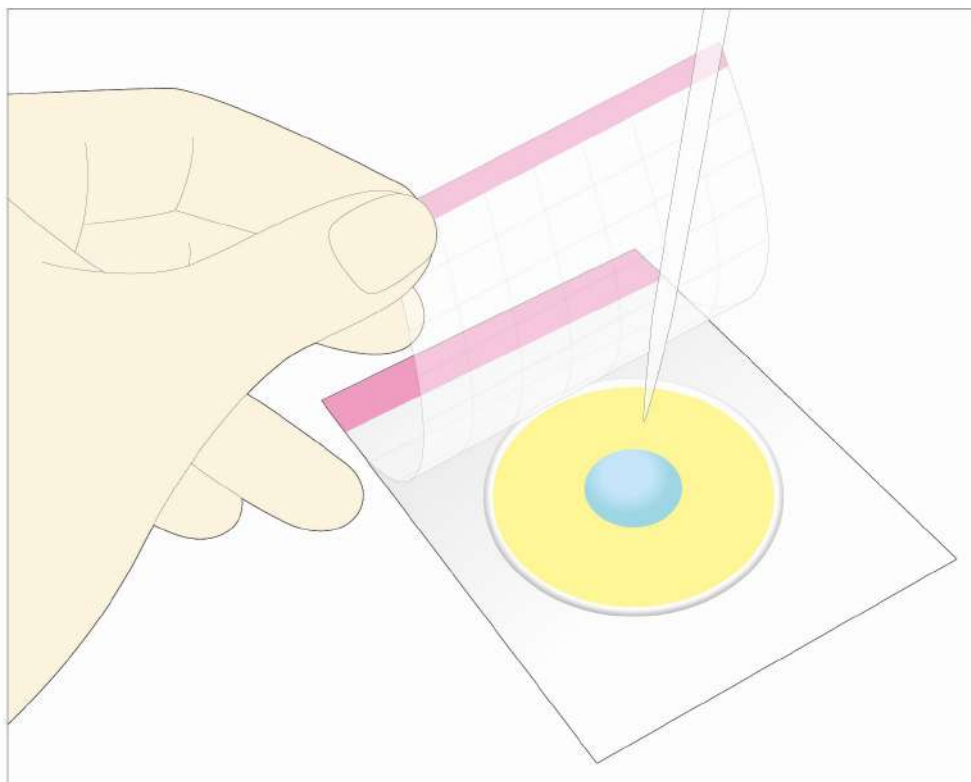
Tear off the foil pouch and remove the required amount.



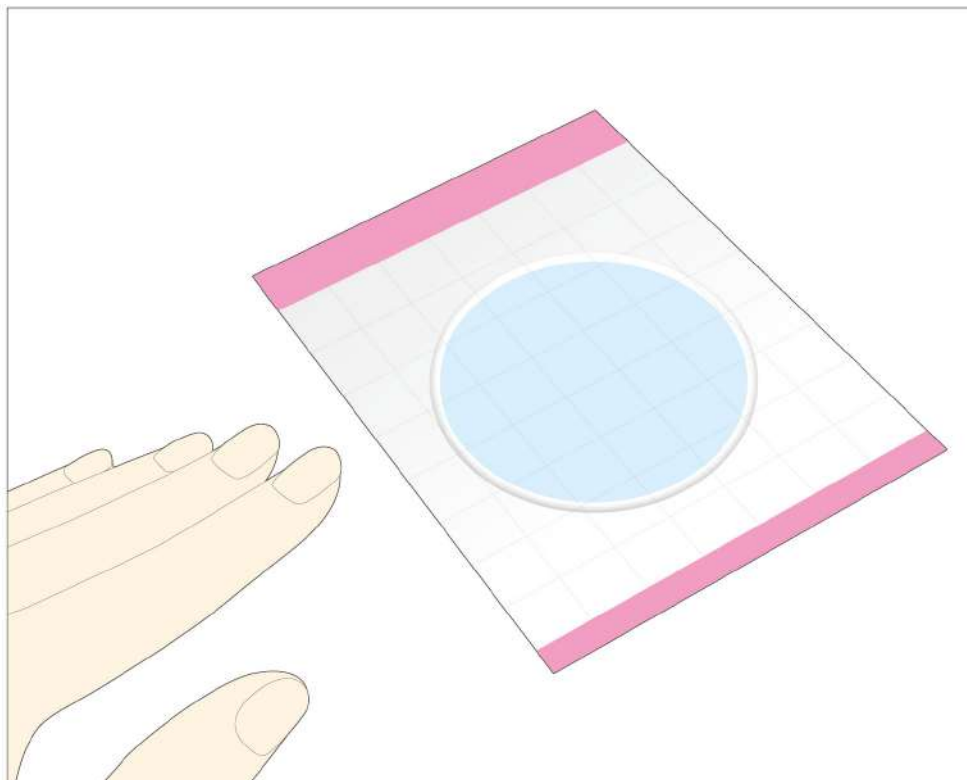
Placed on a flat position



Open the tectorial membrane, keep the pipette vertically and drop in the center of the culture area.

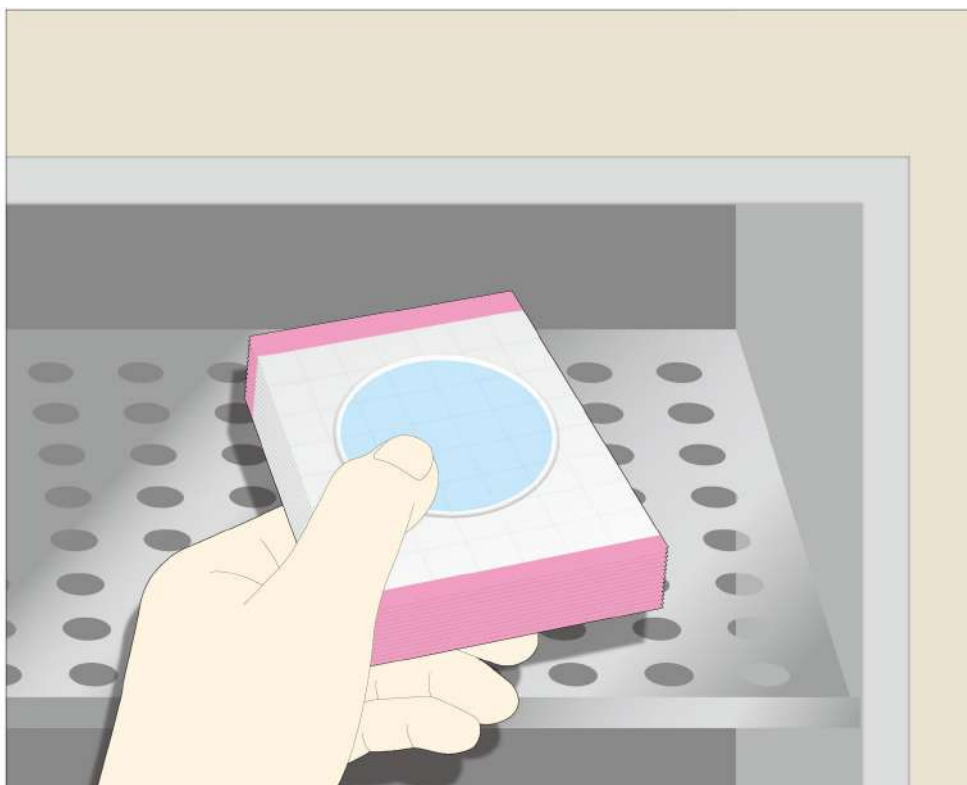


Overlay tectorial membrane



### 3.Culture

Put into the incubator, the product can overlap up to 25 pieces.



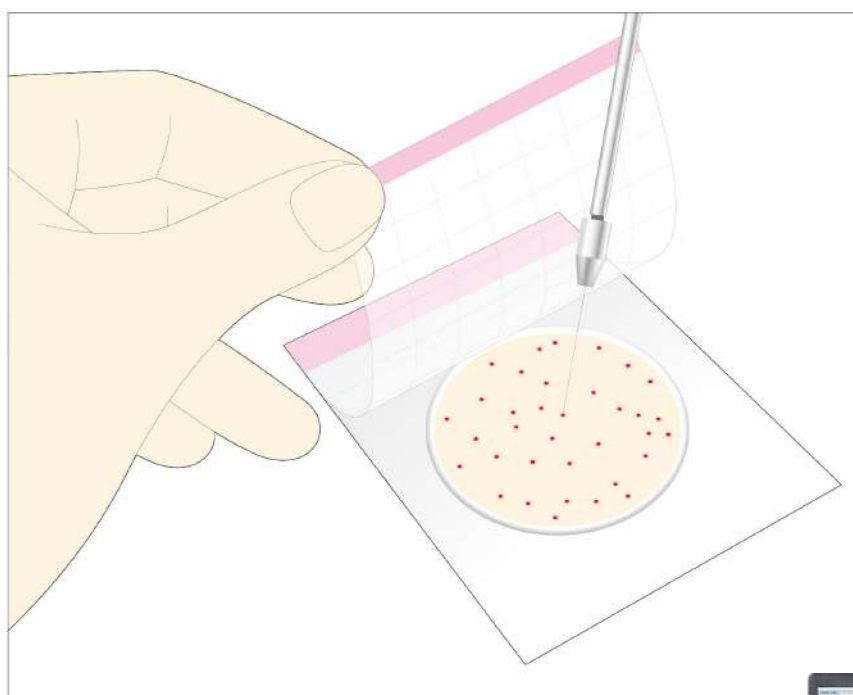
Medium Type	Culture temperature	Culture time
Media-Ca_AC (Measurement of total bacteria amount)	35±1℃	48±2hours
Media-Ca_CC (Measurement of Coliforms)	35±1℃	24±1hours
Media-Ca_EC (Measurement of Escherichia coli and Coliforms)	35±1℃	24±1hours
Media-Ca_SA (Measurement of Staphylococcus Aureus)	35±1℃	24±1hours

4. Judgment

SA uses chromogenic enzymes to easily determine and count bacteria.

When the bacteria number is large, please perform statistics in the grid on the film (1cm × 1cm).

Multiply the bacteria number in a grid by the total grids number



5. Fishing for colonies which can be re-cultured

Remove the bacteria by opening the membrane.

Colony Count System

By using the colony counting system (dedicated scanner and application), high-resolution images can be analyzed, and automatic counting and inspection result image storage management can be realized in a short time, which can improve the counting efficiency.

