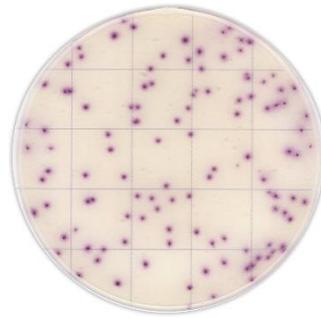




KangarooSci



QuickPlate E. Coli
LOT: KGR001202201
EXP: 2023-01-31



KangarooSci Microbial Count Plate Questions and Answers

1. What samples can be tested with KangarooSci Microbial Count Plate?

This test kit is developed based on ISO/AOAC standard methods with dehydrated media printed on the PVC backing, so it can be used in microbial testing for any samples. Just follow the sample preparation steps in the ISO/AOAC standards.

2. What instrument and devices shall be used in the testing?

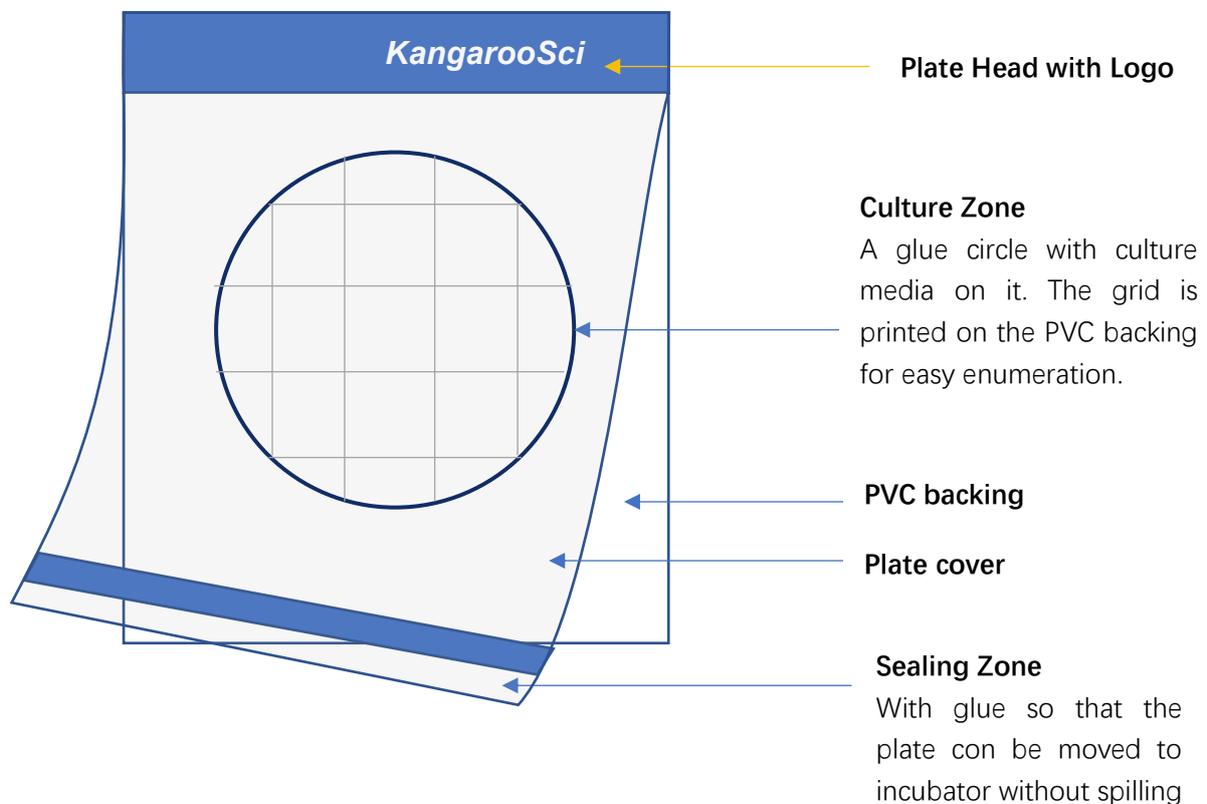
The KangarooSci count plate is ready to use. No extra instrument or devices will be required. Just imagine it is a normal petri plate with culture media on it. Just follow the instruction manual.

3. What is the principle of KangarooSci microbial count plate?

All KangarooSci microbial count plate are based on dehydrated media culture, so it has no big different with the classic petri disk method. The only different is in certain plate, coloring agent is added to show the result.

4. What is the structure of the KangarooSci microbial count plate?

The picture below describes the structure of the test kit.



5. What is the incubation condition?

Check the instruction manual. Normally incubate at 36+/-1°C for 24h, etc.

6. What is a correct sampling?

The culture zone is made and limited by the glue circle, thus the sample shall be added onto the circled culture zone. To do this, you can check a **YOUTUBE** video prepared by our technician.



https://youtu.be/_ocgD-9PPmY

Basically, the plate cover shall be peeled from the right corner. Then add 1ml liquid sample carefully, not too fast, so that the liquid can spread on the circle gently. After that, put down the plate cover gently by pushing it with your finger. Eliminate air bubbles in the circle, and keep all the liquid within the circle. The whole process will be several seconds.

This sample operation needs a little practice. We believe you can grasp the points quite quickly.

7. If I have spilled the samples out of the incubation circle, will the test still be valid?

The required test sample volume is 1mL, spilling may lead to less sample on the culture area of the count plate. We suggest you to use new count plate if spilling is over 10%-20%. Otherwise you need to correct the final enumeration result.

8. I am currently using Petrifilm plate from 3M, can I use your count plat to replace them?

Of course, you can. Our count plate uses the same principle like 3M products. They can replace without any difficulty. The only thing is the operation of sampling. Adding the 1mL sample onto the count plate is different. We don't need a spreader to do it. The liquid shall be spreading on the plate by gently put down the plate cover and eliminate air bubbles.

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