

How to use SensiMedia for *Staphylococcus aureus* Detection

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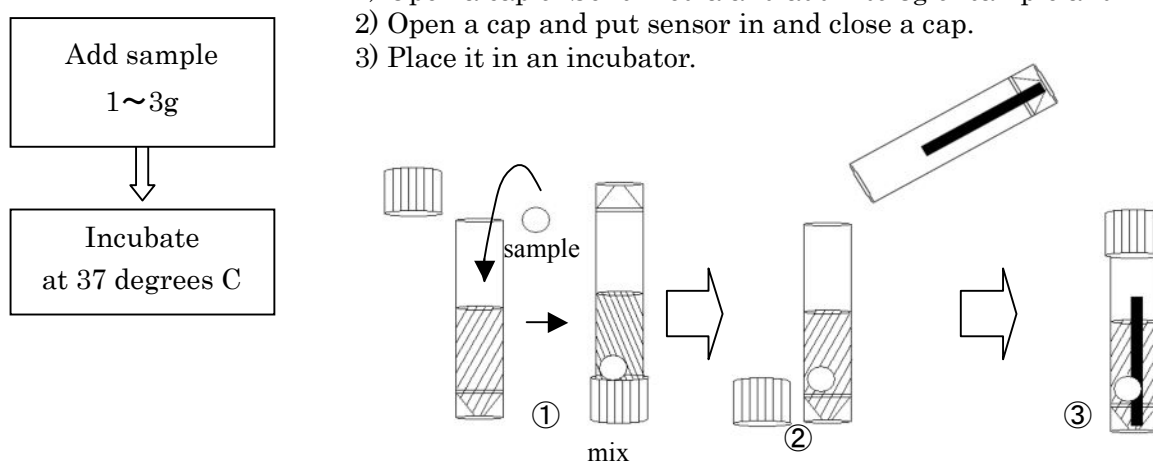
1. General Description

This SensiMedia is designed to detect the presence of *Staphylococcus aureus* isolated from other microorganisms such as *S. epidermidis* and *S. faecalis*.

2. Detection Procedure

Add sample

- 1) Open a cap of SensiMedia and add 1 to 3g of sample and mix.
- 2) Open a cap and put sensor in and close a cap.
- 3) Place it in an incubator.



Incubate Temperature

Incubate the sample added SensiMedia at 37 degrees C.

3. Detection Criteria

The performance characteristic of liquid medium is shown in graph below. Refer to it and set up a protocol for the test. If the color of CO₂ sensor turns into yellow, *S. aureus* is detected. If the color of sensor remains in dark blue, detection is negative.

Note) When *S. aureus* is detected predominantly, the color of broth becomes yellow.

Color of broth

Yellow : *S. aureus* Orange : *S. epidermidis*

