

How to use SensiMedia for *Salmonella* Detection

MicroBio Corporation

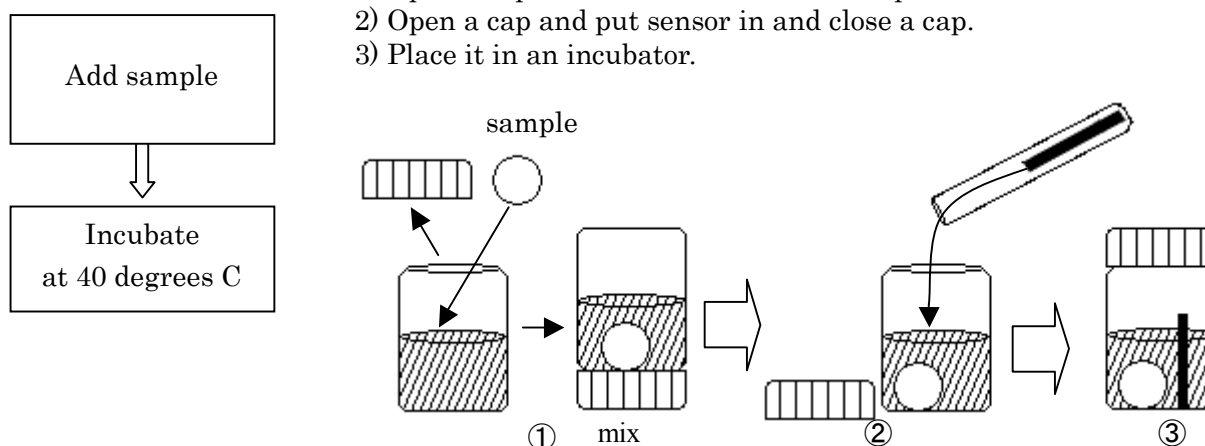
1. General Description

This SensiMedia is designed to detect the presence of *Salmonella* isolated from other microorganisms such as *Citrobacter*, *E. coli*, *Enterobacter* and *Klebsiella*.

2. Detection Procedure

Add sample

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

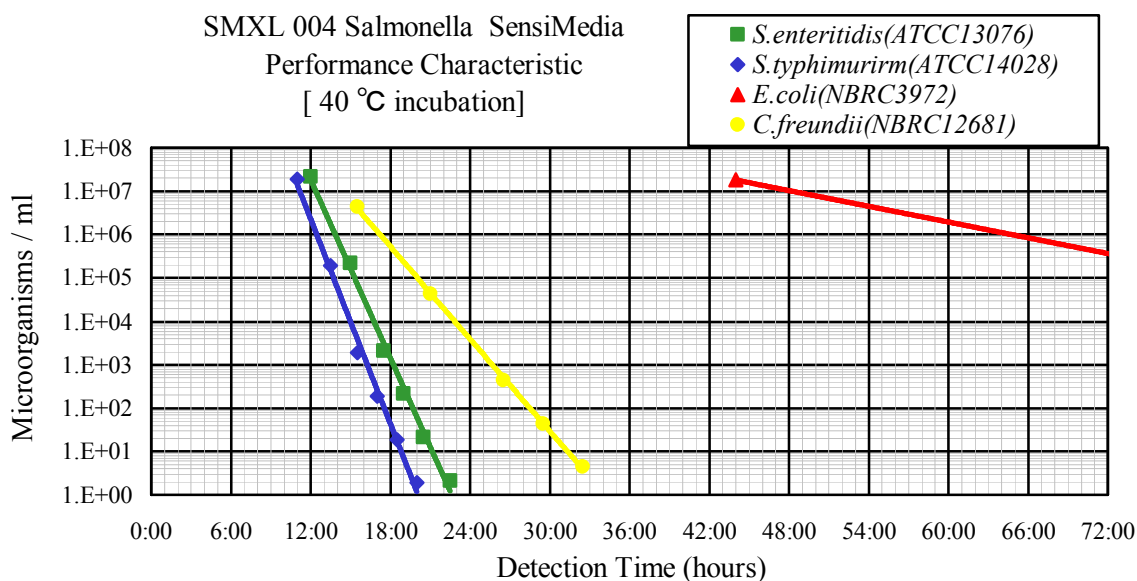


Incubate Temperature

Incubate the sample added SensiMedia at 40 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 yellowish transparent, *Salmonella* is detected. If the color of sensor remains in dark blue, detection is negative.



Note) Color of broth

When the sensor tuned into yellow, *salmonella* is detected. The color of broth becomes orange to red if salmonella is predominant.

