SANICHECK® APB

Field Test Kit for Detecting Acid Producing Bacteria (APB)

INSTRUCTIONS

1. Disinfect hands with an alcohol wipe before handling any of the test kit components.
2. Open one Agar Tube and place screw cap side up on a clean, dry surface.
3. Remove sterile Sample Applicator Swab from the envelope (do not touch the swab side).
4. Insert Sample Applicator Swab into the liquid sample for approximately 10 seconds. For solid samples, use the Sample Applicator directly to swab the surface.
5. Transfer Sample Applicator into the Agar Tube by inserting it slowly into the agar to reach the bottom of the tube.
6. Slowly and carefully remove Sample Applicator from the Agar Tube. Discard used Sample Applicator.
7. Replace screw cap on Agar Tube.
8. Incubate samples for 1-5 days at 30°C.
9. Examine tubes daily for color change.
    - Color change from **red to yellow** in the Agar Tube indicates acid production. Note: any portion of the Agar Tube turning yellow indicates acid production.
    - Strong acid producers even at very low numbers can change the color overnight.
    - Slow acid producers require longer time for color change development depending on the type and number of acid producers present in the sample.
    - Visually check Agar Tubes daily for color change from red to yellow.
    - Use the evaluation chart provided below to estimate the amount of acid production due to the growth of acid producing bacteria.

Evaluation Chart for Acid Production
due to the Growth of Acid Producing Bacteria

Appearance of Yellow	Acid Production
Day 1 – Day 2	Strong
Day 3 – Day 4	Medium
Day 5	Weak

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