BacterLab Division

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TRANSPORT SWABS

SwabCollect™ Cary Blair without Charcoal, 5mL

Recommended for collection and shipment of clinical specimens.

Code: 4106010

1. INTENDED USE

SwabCollect™ Cary Blair without Charcoal, 5mL is used for transportation and preservation of microbiological specimen.

2. PRINCIPLES

SwabCollect™ Cary Blair without Charcoal, 5 mL is used for collection and transport of clinical specimens. It is also recommended for transport of specimens. Since this transport media has a high pH, viability of *Vibrio* cultures can be maintained for a longer duration. This medium also facilitates the recovery of *Salmonella* and *Shigella* species.

Medium Base is prepared with minimal nutrients to facilitate survival of organisms without multiplication. Sodium thioglycollate provides a low oxidation-reduction potential. Alkaline pH of the medium minimizes bacterial destruction due to the formation of acid. Disodium hydrogen phosphate buffers the medium whereas sodium chloride maintains the osmotic equilibrium.

3. TYPICAL COMPOSITION

3.1. Tools

- Sterile swab
- Sterile plastic tube, size 13 x 172 mm

3.2. Medium

- Volume of medium in the plastic tube: 5 mL
- Components of the medium:

For 1 liter of medium

Disodium hydrogen phosphate	1,1 g
Sodium thioglycollate	1,5 g
Sodium chloride	5,0 g
Phenol red	0,018 g
Agar	5,0 g

pH of the ready-to-use medium at 25°C: 8,4 ± 0,2

4. INSTRUCTIONS FOR USE

- Peel open the sterile pouch at the point marked.
- Remove cap from transport tube.
- Remove applicator swab and collect specimen. During specimen collection, the applicator tip should only touch the area where the infection is suspected to minimize potential contamination.
- Place applicator swab in transport tube and replace cap firmly to completely seal.
- Record patient's name and information on tube label.
- Send specimen to the laboratory for immediate analysis.

- **Precaution:** When collecting swab samples from patients, care should be taken not to use excessive force or pressure which may result in breakage of the swab shaft.

5. QUALITY CONTROL

- **SwabCollect™ Cary Blair without Charcoal, 5 mL** is produced in a closed environment, adhering to strict hygiene regulations. The plastic tube and swab are sterilized using EO gas, ensuring no microorganisms affect the quality of the sample.

BacterLab ensures the quality of each product batch of the medium by testing with ATCC reference strains.

Reference strains	Incubation conditions	Expected results
Escherichia coli ATCC 25922	35 – 37°C for 18 – 24 hours	Good growth
Neisseria meningitidis ATCC 13090		Good growth
Salmonella Typhimurium ATCC 14028		Good growth
Shigella flexneri ATCC 12022		Good growth

6. STORAGE AND TRANSPORT CONDITIONS

- Storage: 4 – 25°C.
- Transportation: Ambient temperature.

7. PACKAGING

- Packaging: 50 set/ box or customer request.

8. SHELF LIFE

- Expiration Date: 24 months from the manufacturing date.

9. BIBLIOGRAPHY

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