

CARY-BLAIR TRANSPORT MEDIUM
Presentation

Conical bottom plastic tube with screw cap and leak-proof rings containing 3ml.

Tubes can be combined with sterile Rayon swabs and/or flocked nylon swabs with breakable plastic handle in a kit.

Sterilization method

Medium: moist heat.

Swabs: ethylene oxide.

Application

Culture medium ready to be used in the collection, transportation, and preservation of clinical samples for microbiological diagnosis.

Principle

A non-nutritive, phosphate-buffered medium developed to maintain the viability of microorganisms during transportation to the laboratory. The presence of sodium thioglycollate allows for a low redox potential, ensuring bacterial survival for a long time. Sodium chloride maintains osmotic balance in the medium.

How to use

Scrub the swab over the desired surface according to the adopted sampling plan. At the end of the collection, place the swab into the tube, break off the handle, and close the cap. Send the sample to the laboratory and proceed with the analysis according to the adopted methodology.

Quality Control

| Test | Result |
|---|---|
| Sterility | Absence of microbial growth |
| <i>Staphylococcus aureus</i> ATCC 25923 | Good growth after subculturing on non-selective agar |
| <i>Escherichia coli</i> ATCC 25922 | Good growth after subculturing on non-selective agar |
| <i>Pseudomonas aeruginosa</i> ATCC 27853 | Good growth after subculturing on non-selective agar |
| <i>Streptococcus pyogenes</i> ATCC 27853 | Good growth after subculturing on non-selective agar |
| Appearance | Liquid medium, very light straw, slightly opalescent, without precipitates or visible particles |
| pH at 25°C | 8.4 ± 0.2 |

Results interpretation

Microbial growth is evidenced through subculture. If growth is observed, perform microscopic analysis, subculture on selective media, and biochemical tests to identify isolated genera and species, if necessary.

Precautions and special care

Product intended for *in vitro* diagnostic use only.

Restricted for use by professionals. Do not inhale or ingest.

Do not use the product beyond the expiration date, with signs of contamination, or if it has changed color. In the presence of contamination, the product should be immediately discarded.

Do not use the product if the packaging is damaged or tampered with.

Storage

Store between 2-35°C in a dry place and protect from light.

Transport at room temperature.

Shelf-life

180 days from the date of manufacture.

Disposal of the product

After use, the product must be handled at the generating unit before environmentally appropriate final disposal, in accordance with official regulations.

Quality Guarantee

bioBoaVista guarantees the quality of its products as long as they are used according to their respective instructions and in accordance with national and international references. bioBoaVista does not take responsibility for the use of its products for purposes other than those described and approved by the company. All clinical diagnoses should be analyzed in conjunction with clinical evidence and not solely based on laboratory results.

References

- ISO 11133:2014. Microbiology of food, animal feed and water - Preparation, production, storage and performance testing of culture media.
- Manual Oxoid, 2000.