

Cary Blair Transport Medium



Medium used for the collection, transport and preservation of clinical samples.

• CONTENTS (Liter)

Sodium Thioglycollate	1.5 g
Disodium Phosphate	1.1 g
Calcium Chloride	0.09 g
Sodium Chloride	5.0 g
Agar	5.0 g
Final pH = 8.4 ± 0.2 at 25°C	

• PROCEDURE

Suspend 12.69 G of powder in 1 L of distilled or deionized water. Heat to boiling until completely dissolved. Mix well. Steam for 15 minutes. Pour into tubes.

• INTERPRETATION

Cary Blair Transport Medium is a medium used for the collection, transport and preservation of clinical samples. Sodium thioglycollate provides reducing agent. Disodium phosphate is the buffering agent. Calcium chloride supplies electrolytes for bacterial survival. Sodium chloride maintains the osmotic balance. Agar is the solidifying agent.

• TECHNIC

Put the swab specimens to the medium. Transport the medium with specimen to the laboratory at room temperature as soon as possible. Inoculate the swab specimen to the proper medium. Transport and inoculation of specimens have to be performed within 48 - 72 hours. Incubate the inoculated medium at 35 ± 2°C for 18 - 48 hours under appropriate conditions. Refer appropriate references for recommended test procedure.

• QUALITY CONTROL FOR USE

Dehydrated medium

Appearance: free-flowing, homogeneous

Color: light beige

Prepared medium

Appearance: clear to slightly opalescent

Color: very light amber

Incubation conditions: 35 ± 2°C / 18 - 48 hours under appropriate conditions and medium

Microorganism	ATCC	Recovery
<i>Haemophilus influenzae</i>	19418	good
<i>Salmonella typhimurium</i>	14028	good
<i>Shigella flexneri</i>	12022	good
<i>Streptococcus pneumoniae</i>	6305	good
<i>Vibrio parahaemolyticus</i>	17802	good

• STORE

The powder is very hygroscopic. Store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label. Store prepared medium at 2 - 8°C.

• REFERENCES

1. Cary, S.G., and E. B. Blair. (1964). J. Bacteriol. 88:96-98.
2. Cary, S.G. (1965). Am. J. Clin. Path. 43:294-296

• PACKAGE

Cat. No : MB-C1403 Cary Blair Transport Medium	500 G
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