

CARY BLAIR TRANSPORT MEDIUM

For collecting, transporting and preserving microbiological specimens containing
Gram-negative bacteria

TYPICAL FORMULA (g/l)

Disodium hydrogen phosphate	1.1
Sodium thioglycollate	1.5
Sodium chloride	5.0
Calcium chloride	0.09
Agar	5.6

DIRECTIONS

Suspend 13.3 g in 1000ml of cold distilled water, heat to boiling with frequent agitation. Distribute into small, screw-cap bottles and sterilise by immersing in free-steam for 15 minutes. Allow to cool and tighten the screw caps to prevent water loss.

Final pH 8.0 ± 0.5

DESCRIPTION

Cary-Blair Medium is a transport medium for the collection and shipment of clinical specimens based on the formulation of Cary and Blair.

The low nutrient content of the medium and utilisation of phosphate as a buffering agent instead of sodium glycerophosphate, prevents bacterial overgrowth by *Escherichia coli*, *Citrobacter freundii* and *Klebsiella aerogenes*. Cary-Blair Medium is particularly suitable in field epidemiological surveys for *Vibrio parahaemolyticus*

TECHNIQUE

To transport specimens, insert a third of the swab with which the material has been collected into the centre of the medium: then cut the rod and screw the test-tube stopper down to clamp the swab. Keep the test-tubes in a refrigerator until dispatch.

STORAGE

Dehydrated medium: 10-30°C

User prepared tubes: 1 year at 10-30°C.

REFERENCE

- Cary S. G. and Blair E. B. (1964) *J. Bact.* 88. 96-98.
- Handbook of Microbiological Media 2nd Edm CRC Press, 1997

PACKAGING

4012872 Cary Blair Transport Medium 500g (37.6 l)

