Condalab

Reference: 0885 **Technical Data Sheet**

Product: CHOCOLATE AGAR + VX

CE IVD

Specification

Medium for the isolation and cultivation of fastidious microorganisms especiallly *N.meningitidis, N gonorrhoeae and Haemophilus sp.*

Presentation

	Packaging Details	Shelf Life	Storage
20 Prepared Plates 90 mm with: 21 ± 2 ml	1 box with 2 packs of 10 plates/pack. Single cellophane.	3 months	2-14°C

Composition

Composition (g/l):

Special peptone	15.00
Starch	1.00
Sodium chloride	5.00
Dipotassium phosphate	4.00
Potassium phosphate	1.00
Dextrose	1.50
Sodium bicarbonate	0.15
Yeast fractions	10.00
Concent.growth factors (VITOX)	0.77
Hemoglobin	10.00
Agar	12.00

Description /Technique

Collect, dilute and prepare samples as required.

Spread the sample onto the plate by streaking or by spiral method.
Incubate the plates in inverted position in a 5% carbon dioxide enriched aerobic atmosphere at 37 ±1°C for 24-48-72 hours.
Preferably, spread with the same sample other non-enriched or non-selective media, previously defined by the laboratory, to have better and comparative results.

Different animal blood source, greater incubation times, humidity or larger percentage of carbon dioxide in atmosphere, may be required depending on the sample, on the specifications of the laboratory, the expected isolations to be found.

Each laboratory must evaluate and report results carefully; this highly nutritive medium allows recovery of a wide variety of fastidious microorganisms as well as of *Haemophilus sp.*

The lack of selective supplementation of the medium does not enable the supression of the accompanying flora.

Consider both hemolysis reactions and colony appearance as well as the results obtained from other culture media, as keys for microbiological identification.
Presumptive isolation of *Haemophilus sp* must be confirmed by further microbiological and biochemical tests..

Quality control

Physical/Chemical control

Color : Brownish pH: 7 ± 0.2 at 25°C

Microbiological control

Loop spreading

Microaerofila. Incubation at 37 ± 1°C, reading after 48-72 h

Microorganism	Growth
Haemophilus influenzae ATCC® 10211	Good
Neisseria meningitidis ATCC® 13090	Good

Sterility Control

Incubation 48 hours at 30-35°C and 48 hours at 20-25°C: NO GROWTH
Check at 7 days after incubation in same conditions

Bibliography

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· ODEGAARD, K. (1971) Trimethoprim for the prevention of overgrowth by swarming *Proteus* in the cultivation of gonococci. Acta. Path. Microbiol. Scand. Sect. (B) 79:545-548.

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