Condalab

Reference: 5105 **Technical Data Sheet**

Product: CHOCOLATE AGAR BASE

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
10 Prepared bottle Bottle 125 ml with: 90 ± 3ml	1 box with 10 bottles 125 ml. Non injectable cap (metalic).	12 months	8-25°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
Agar	12.00

Description /Technique

The medium should be melted only once and used. Do not apply direct heat to melt it, nor be melted repeatedly. Cool to 60-70°C. Aseptically add sterile Blood (5%) and GPS (Growth Promotion supplement) at 45-50°C. Mix well before pouring into plates or tubes.

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 ±2 °C for 48-72 hours.

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.*

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: 7.3 ± 0.2 at 25°C

Microbiological control

Inoculate 30-300 CFU (Productivity)
Previous addition of 5% Defibrinated Sheep Blood and GPS
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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