



ANAEROBIC AGAR

Medium for anaerobic bacteria cultivation.

TYPICAL FORMULA (g/l)

Peptozimatic	6.0
Soy peptone.....	9.0
Yeast extract.....	10.0
Peptone.....	2.0
Sodium chloride.....	5.0
Glucose.....	10.0
Sodium thioglycollate.....	15.0
Sodium formaldehyde sulfoxylate.....	1.0
Methylene blue	0.002
Agar.....	13.0
Final pH 7.2 ± 0.2	

DESCRIPTION

ANAEROBIC AGAR is a medium for the cultivation of anaerobic bacteria.

PRINCIPLE

The presence of reducing agents such as glucose, sodium thioglycollate and sodium formaldehyde sulfoxylate allows the cultivation of anaerobic bacteria.

Furthermore, the medium contains a redox indicator, methylene blue, which is colourless (reduced form) when the redox potential is low and suitable for the growth of anaerobes.

TECHNIQUE

Inoculate the plates by streaking the specimen to examine onto the plate surface using a sterile loop. Incubate the plates at 36 +/-1 °C for 24-48 hours in anaerobiosis.

INTERPRETAZIONE OF RESULTS

Colonies must be subjected to identification tests according to adequate references .

STORAGE

10-25°C away from light, until the expiry date on the label or until signs of deterioration or contamination are evident.

WARNING AND PRECAUTIONS

The product is not classified as hazardous by current legislation and does not contain harmful substances in concentrations of ≥1%. The product is designed for *In vitro* diagnostic use and must be used only by properly trained operators.

DISPOSAL OF WASTE

Disposal of waste must be carried out according to national and local regulations in force.

REFERENCES

1. Brewer. 1942. *Science* 95:587.
2. Murray, Baron, Pfaller, Tenorev and Tenover (ed) 1999. *Manual of clinical microbiology*, 7th ed. American Society for Microbiology, Washington, D.C.
3. Smith. 1975. *The pathogenic anaerobic bacteria*, 2nd ed. Charles C. Thomas, Springfield, Ill.
4. Baron, Peterson and Tenover. 1994. *Bailey & Scott's diagnostic microbiology*, 9th ed. Mosby-Year Book, Inc. St. Louis, Mo.





PRODUCT SPECIFICATIONS

NAME

ANAEROBIC AGAR

PRESENTATION

Ready-to-use 90 mm plates containing 22± 1 ml of medium.

STORAGE

10-25°C

PACKAGING

Code	Content	Packaging
11030	20 plates	<ul style="list-style-type: none">5 plates in thermically soldered film4 x 5 plates in cardboard boxes

pH OF THE MEDIUM

7.2 ± 0.2

USE

ANAEROBIC AGAR is a medium for the cultivation of anaerobic bacteria.

TECHNIQUE

Refer to technical sheet of the product.

APPEARANCE OF THE MEDIUM

Light green medium, slightly opalescent.

SHELF LIFE

6 months

QUALITY CONTROL

- Control of general characteristics, label and print
- Sterility control
7 days at 25 ± 1°C, in aerobiosis
7 days at 36 ± 1°C, in aerobiosis
- Microbiological control
Inoculum for productivity: 10-100 UFC/ml
Inoculum for selectivity : 10⁴-10⁵ UFC/ml
Inoculum for specificity: ≤ 10⁴ UFC/ml
Incubation conditions: 24-48 h at 36 ± 1°C, in aerobiosis

Microorganisms		Growth
<i>Clostridium sporogenes</i>	ATCC 19404	Good
<i>Clostridium perfringens</i>	ATCC 13124	Good

TABLE OF SYMBOLS

Symbol	Meanings
REF	Catalogue number
IVD	In vitro Diagnostic Medical Device
	Manufacturer
	Temperature limitation
	Kit content
	Use by
LOT	Batch code
	Consult accompanying documents

CE IVD



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