

2,8 % NUTRIENT AGAR

For microbiological control only

Culture of non-fastidious micro-organisms

SUMMARY AND EXPLANATION

2,8% Nutrient Agar can be used for the growth of not fastidious micro-organisms.

PRINCIPLE

This agar is composed of a nutritive base source of nitrogen, carbon, sulfur and vitamins allowing good growth of microorganisms.

CONTENT OF THE KIT

Dehydrated medium	
REF AEB151952	500 g bottle

COMPOSITION

Theoretical formula after reconstitution of the medium

This medium can be adjusted and/or supplemented according to the performance criteria required:

Peptone	5,00 g
Meat extract	1,00 g
Yeast extract	2,00 g
Sodium Chloride	5,00 g
Agar	15,00 g
Purified water	1000 ml
pH : 7,4	

MATERIAL REQUIRED BUT NOT PROVIDED

- Bacteriology incubator.
- Autoclave
- Bottles
- Water baths
- Sterile or aseptic Petri plates

WARNINGS AND PRECAUTIONS

- **For microbiological control only.**
- **For professional use only.**
- This kit contains products of animal origin. Certified knowledge of the origin and/or sanitary state of the animals does not totally guarantee the absence of transmissible pathogenic agents. It is therefore recommended that these products be treated as potentially infectious and handled observing the usual safety precautions (do not ingest or inhale).
- All specimens, microbial cultures and inoculated products should be considered infectious and handled appropriately. Aseptic technique and usual precautions for handling the bacterial group studied should be observed throughout this procedure. Refer to "CLSI[®] M29-A, Protection of Laboratory Workers From Occupationally Acquired Infections; Approved Guideline— current revision." For further information on handling precautions, refer to "Biosafety in Microbiological and Biomedical Laboratories – CDC/NIH Latest edition, or the current regulations in the country of use.
- Culture media should not be used as manufacturing material or components.
- Do not use reagents past the expiry date.
- Do not use media which are not homogeneous (presence of lumps).
- Avoid opening bottles in a humid atmosphere (steam, condensation, etc.).
- The medium should be used according to the procedure indicated in this package insert. Any change or modification in the procedure may affect the results.

STORAGE CONDITIONS

- **Store the bottle at 1- 30°C until the expiry date.**
- Store in a dry place

SPECIMENS

Follow the recommendations in the current standards to perform specimen collection and preparation.

INSTRUCTIONS FOR USE

1. Suspend 28,0 grams of powder in one litre of purified water.
2. Bring slowly to the boil under constant homogenization until the Agar is completely dissolved.
3. Dispatch in tubes or flasks.
4. Autoclave 15 minutes at 121°C.
5. Screw the cap back on (wear protective gloves to avoid thermal shock) and then mix.
6. Leave the bottles at room temperature for at least 15 seconds before transferring them to a thermostatically controlled water bath set at 44-47°C, then pour in Petri plates

Inoculation and incubation

Refer to laboratory validated protocol.

The optimal growth temperature is of 36+/-2°C.

The choice of the temperature of incubation is of the responsibility of the user and must be compliant with the application and the current standards.

READING AND INTERPRETATION

Observe cultures.

QUALITY CONTROL

The 2,8% Nutrient Agar has been designed and developed to meet the strictest quality requirements.

The results obtained using strains tested during controls for bacteriological activity are shown on the quality control certificate for each batch, available from our website (www.biomerieux.com).








WASTE DISPOSAL

Unused reagents may be considered as non hazardous waste and disposed of accordingly.

Dispose of all used reagents as well as any other contaminated disposable materials following procedures for infectious or potentially infectious products.

It is the responsibility of each laboratory to handle waste and effluents produced according to their nature and degree of hazardousness and to treat and dispose of them (or have them treated and disposed of) in accordance with any applicable regulations.

INDEX OF SYMBOLS

Symbol	Meaning
	GB : Catalogue number US : Catalog number
	Manufacturer
	Temperature limit
	Use by
	Batch code
	Consult Instructions for Use
	Keep dry

WARRANTY

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