

## NUTRIENT BROTH Dehydrated Medium

### Presentation

Flask with 1kg.

### Sterilization method

Non sterile.

### Application

General-purpose medium for the culture of different species of bacterial microorganisms.

### Principle

Nutrient broth contains peptone and meat extract in a relatively simple formulation that provides necessary nutrients for the multiplication of a large number of non-fastidious microorganisms.

### How to use

Dilute the dehydrated medium in water at a concentration of 10 g/L and sterilize for use.

### Quality Control

Test	Result
<i>Escherichia coli</i> ATCC 25922	Good growth in white colonies
<i>Staphylococcus aureus</i> ATCC 25923	Good growth in white colonies
<i>Salmonella enterica</i> ATCC 14028	Good growth in white colonies
<i>Pseudomonas aeruginosa</i> ATCC 27853	Good growth in white colonies
<i>Listeria monocytogenes</i> ATCC 7644	Good growth in white colonies
Appearance	Solid medium, light amber, slightly opalescent, free of precipitates or visible particles

### Results interpretation

Growth of any type of colony.

### Precautions and special care

Product intended for *in vitro* diagnostic use only.

Restricted for use by professionals. Do not inhale or ingest.

Do not use the product beyond the expiration date, with signs of contamination, or if it has changed color. In the presence of contamination, the product should be immediately discarded.

Do not use the product if the packaging is damaged or tampered with.

### Storage

Dehydrated medium: Store between 10-35°C in a dry place and protect from light.

### Shelf-life

2 years from the date of manufacture.

### Disposal of the product

After use, the product must be handled at the generating unit before environmentally appropriate final disposal, in accordance with official regulations.

### Quality Guarantee

bioBoaVista guarantees the quality of its products as long as they are used according to their respective instructions and in accordance with national and international references. bioBoaVista does not take responsibility for the use of its products for purposes other than those described and approved by the company. All clinical diagnoses should be analyzed in conjunction with clinical evidence and not solely based on laboratory results.

### References

1. Becton, Dickinson and Company. Difco & BBL Manual. Manual of Microbiological Culture Media, 2nd ed., 2009.
2. ISO 11133:2014. Microbiology of food, animal feed and water - Preparation, production, storage and performance testing of culture media.
3. Manual de Métodos de Análise Microbiológica de Alimentos, Livraria Varela, 3ª ed., 2007.
4. Merck Microbiology Manual. 12th ed.