

O.N.P.G. AGAR

Medium for lactose fermenting bacteria differentiation.

TYPICAL FORMULA (g/l)

Tryptone	10.0
Nitrophenyl-B-D-galattoside	04.00.00
Agar	17.0
Final pH 7.0 ± 0.05	

DESCRIPTION

O.N.P.G. AGAR is a medium suggested for lactose fermenting bacteria differentiation.

PRINCIPLE

Tryptone is a satisfying source of peptides and free amino acids. Nitrophenyl-B-D-galattoside is a source of energy and represents the substrate for those microorganisms which are endowed with galattosidase.

TECHNIQUE

Inoculate the medium by stabbing the butt and streaking the slope. Incubate the tubes at 36± 1°C for 24 hours.

INTERPRETATION OF RESULTS

Dermatophyte fungi determine a colouring of the medium surrounding the colonies included between pink and red.

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 the national and local regulations in force.

REFERENCES

1. Taylor, W.I. (1965). Am. J. Clin. Pathol. 44(4) : 471-475.
2. Pollock, H.M., and B.J. Dahlgren (1974). Appl. Microbiol. 27(1): 197-201.
3. Association of Official Analytical Chemists (1996). Official methods of analysis of AOAC International.



Liofilchem s.r.l.

Via Scozia-Zona industriale - 64026 Roseto degli Abruzzi Tel. +39.085.8930745 - Fax +39.085.8930330
Web site: <http://www.liofilchem.net> E-mail: liofilchem@liofilchem.net

PRODUCT SPECIFICATIONS

NAME

O.N.P.G. AGAR

PRESENTATION

Glass tubes containing 14 ± 1 ml of medium.

STORAGE

10-25°C

PACKAGING

Code	Content	Packaging
33066	10 tubes	10 tubes in cardboard box

pH OF THE MEDIUM

7.0 ± 0.05

USE

O.N.P.G. AGAR is a medium suggested for lactose fermenting bacteria differentiation.

TECHNIQUE

Refer to technical sheet of the product.

SHELF LIFE






1 year

QUALITY CONTROL

- Control of general characteristics, label and print
- Sterility control
 - 1 day at $20 \pm 2^\circ\text{C}$, in aerobiosis
 - 2 days at $36 \pm 1^\circ\text{C}$, in aerobiosis
- Microbiological control
 - Inoculum for productivity: 10-100 UFC/ml
 - Inoculum for selectivity: 10^4 - 10^5 UFC/ml
 - Inoculum for specificity: $\leq 10^4$ UFC/ml
 - Incubation Conditions: 18-24 h at $36 \pm 1^\circ\text{C}$, in aerobiosis

Microorganism	ATCC	Growth	Characteristics
<i>Proteus mirabilis</i>	25933	good	colorless colonies
<i>Pseudomonas aeruginosa</i>	27853	good	colorless colonies
<i>Klebsiella pneumoniae</i>	13883	good	yellow colonies
<i>Escherichia coli</i>	25922	good	yellow colonies

TABLE OF SYMBOLS

IVD In vitro Diagnostic Medical Device	LOT Batch code	 Manufacturer	 Contains sufficient for <n> tests
REF Catalogue number	 Temperature limitation	 Use by	 Caution, consult accompanying documents



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