PRODUCT INFORMATION

Product Type: PETRI DISHES 90mm

Cat No. PD040 - NUTRIENT AGAR

Intended Use:

Nutrient Agar is used for the cultivation of many species of non-fastidious microorganisms.

Description:

Nutrient Agar has the formula originally designed for use in the Standard Methods for Examination of Water and Wastewater.

Formulation g/L

Beef Extract	3.0 g/L
Peptone	5.0 g/L
Agar	15 g/L

Storage: 2-8 °C
Final pH: 6.6 - 7.0
Appearance: Light to medium amber, clear.
Package contents: 10 plates in a package
Shelf life: 3 months

Exp. Date: Printed on label and on the item.
Required materials not supplied: Laboratory equipment as required.

Warning and Precautions - For professional use only. Follow good microbiological lab practices while handling specimens and culture. Do not use Petri dishes if they show evidence of microbial contamination, discoloration, drying, cracking, or other signs of deterioration. Avoid freezing and overheating. The Petri Dishes may be used / inoculated up to the expiration date and incubated for the recommended incubation times. After use and prior to discarding, specimen containers and all contaminated material, including the used culture media and contaminated culture containers, must be sterilized or incinerated by validated procedures. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.
If excessive moisture is observed, invert the bottom over an off-set lid and allow to air dry in order to prevent formation of a seal between the top and bottom of the plate during incubation. Storage Instructions: On receipt, store plates in the dark at 2–8°C. Avoid freezing and overheating. Do not open until ready to use.

Performance Testing Results:

GPT: inoculum 50-100 cfu.

TEST	ATCC	Incubation Temp.(℃)	Incubation Cond.	Reaction 1
Escherichia coli	25922	33-37 ℃	Aerobic, 24 hours	Growth
Staphylococcus aureus	25923	33-37 ℃	Aerobic, 24 hours	Growth
Staphylococcus epidermidis	12228	33-37 ℃	Aerobic, 24 hours	Growth
Pseudomonas aeruginosa	27853	33-37 ℃	Aerobic, 24 hours	Growth
Salmonella typhimurium	14028	33-37 ℃	Aerobic, 24 hours	Growth
Yersinia enterocolitica	9610	33-37 ℃	Aerobic, 24 hours	Growth

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