

TECHNICAL SHEET

PP039	NON-NUTRIENT AGAR 1.5%			
Formula				
Ingredients:		gms/lit		
Sodium chloride		0.12		
Magnesium sulphate heptahydrate		0.004		
Calcium chloride-2-hydrate		0.004		
Di-sodium hydrogen orthophosphate anhydrous		0.142		
Potassium di-hydrogen orthophosphate		0.136		
Agar		15.00		
Final pH (at 25°C): 7.0 +/- 0.2				
Directions:				
Label the ready to use plate (PP039). Either streak, inoculate or surface spread the test inoculum (50-100 CFU) aseptically on the plate.				
Principle:				
Non-Nutrient Agar contain buffers to provide amebae with a neutral environment. Free-living amebae are found naturally in moist soil, marine water, and fresh water, and feed on the bacteria and nutrients found in these environments. They can infect humans through the skin, olfactory epithelium, sinuses, corneal abrasions, or respiratory tract and are responsible for a variety of diseases, including cerebral edema, focal necrosis, granulomatous reactions in skin, multiple necrotic foci, corneal ulceration, and hemorrhagic necrosis.				
(I) QC Tests				
pH:		7.0 +/- 0.2		
Color:		Clear and colourless medium.		
Appearance:		Sterile Non-Nutrient Agar 90X15mm disposable plates.		
(II) Sterility test		Passes release criteria		
(III) Q.C. Test Microbiological				
Cultural characteristics observed after incubation at 35-37°C for 3-48 hours or up to 10 days for Acanthamoeba				
MICROORGANISM (ATCC)		Inoculum	GROWTH	COLONY MORPHOLOGY/MICROSCOPIC OBSERVATION
Acanthamoeba Castellanii ATCC 30010		50-100	luxuriant	Presence of double-walled cysts
Naegleria fowleri ATCC 30215		>=10 ³	luxuriant	-
Escherichia coli 25922		>=10 ³	inhibited	-
Escherichia coli ATCC® 10536		50-100	inhibited	-

TECHNICAL SHEET

Precautions :	1. In Vitro diagnostic use only.
	2. Read the label before opening the container
Limitations :	1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.
Use:	Recommended for the detection of free-living pathogenic Acanthamoeba and Naegleria spp. cysts, trophozoites, and flagellates in clinical, epidemiological, or public health specimens; also for products associated with contact lenses.
Storage:	Store between 2-8°C. Use before expiry date on the label.
Packing:	10 disposable plates.

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.