INSTRUCTIONS FOR USE –

TUBED MEDIA

SABHI AGAR SLANT REF 5044

SPML manufacture and supply a range of Pre-prepared media for the culture of microorganisms such as bacteria yeasts and moulds. SPML offer a range of media pre-poured culture media to meet the needs of its customers across a range of industries that include Clinical, food, water, pharmaceutical, and many more.

Intended Use

The range of plates cover selective and non-selective media and plate sizes and are intended for the use by professional parties in the isolation of microbial organisms.

Sabouraud BHI Agar is used for the cultivation of fungi. Sabouraud Dextrose Agar as a general purpose medium for the recovery of dermatophytes. Brain Heart Infusion is a highly nutritious medium used for cultivating a variety of fastidious organisms and medically important fungi. Sabouraud BHI Agar, developed by Gorman, combines ingredients of Sabouraud Dextrose Agar and Brain Heart Infusion. This medium is particularly useful for maximum recovery of Blastomyces dermatitidis and Histoplasma capsulatum from body tissues and fluids, and as a primary recovery medium for saprophytic and pathogenic fungi

Principles of the Procedure

Peptones and brain heart digest are sources of amino acids, nitrogen,sulfur, carbon and trace ingredients. Dextrose is an energy source for the metabolism of microorganisms. Sodium chloride provides essential electrolytes. Disodium phosphate buffers the medium to maintain the pH. Defibrinated sheep blood is added to supply nutrients that induce the growth of dimorphic species in the yeast phase.2 Chloramphenicol is a broad-spectrum antibiotic that inhibits a wide range of gram-negative and gram-positive bacteria. Cycloheximide is an antifungal agent that is primarily active against saprophytic fungi and does not inhibit pathogenic species. Gentamicin is an aminoglycoside antibiotic that inhibits the growth of gram-negative bacteria

• Micro Organism Reactions pH: 6.80 – 7.20

Organisms	Result, Colour of Colony
Candida Albicans	Good; white round colony
S. Aureus;	Good white colony
Escherichia Coli	Good: cream colony

Technique

Using a sterile loop inoculate the medium with 4±5 colonies and Incubate uninoculated representative plates at 25 ± 2°C for 72 h and examine for microbial contamination.

As methods and media preference may vary as to media types and test method due to jurisdictions, and personal preferences the customer should use the plates in accordance with their organisations stated methods and procedures however SPML product brochure does provide further product information

The end user should however take into consideration that selective media should, therefore, be compared with specimens/samples cultured on nonselective media to obtain additional information and help ensure recovery of potential pathogens and other significant organisms.

PRECAUTIONS

IVD . **For professional use only.**

Do not use plates if they show evidence of microbial contamination, discoloration, drying, cracking or other signs of deterioration.

Consult In house instructions to ensure correct application of product use is observed. Ensure GLP and aseptic handling procedures are followed, used plates should be treated as biohazards, and disposal of used product should be treated as such, and disposed of in accordance with local /national regulations.

STORAGE AND SHELF LIFE

On receipt, store plates in the dark at 2 to 8° C, in their original sleeve wrapping until just prior to use. Avoid freezing and overheating. The plates may be inoculated up to the expiration date (see package label) and incubated for the recommended incubation times.

Plates from opened stacks of 10 plates can be used for one week when stored in a clean area at 2 to 8° C.

QUALITY CONTROL

SPML undertake batch release for all media checking pH, sterility, Inhibition and enhancement testing of all media batches based on the EN12322:19991[1], M22-A3[2], and ISO11133[3],

For clinical purpose the product is CE marked in accordance with the requirements of 97/79/EC IVD Directive and registered with the Competent Authority MHRA in the United Kingdom.

SPML is ISO9001:2008 certified

FURTHER INFORMATION

For further information please contact your local SPML representative.

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References.

[1] *EN 12322:1999 - In vitro diagnostic medical devices - Culture media for microbiology - Performance criteria for culture media.*

[2] *Clinical and Laboratory Standards Institute. 2004. Approved standard: M22-A3, Quality control for commercially prepared microbiological culture. media, 3rd ed*

[3] *ISO11133 Microbiology of food, animal feed and water — Preparation, production storage and performance testing of culture media*

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EC REP

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Symbols Definition

REF	Product Reference Number
IVD	For in vitro diagnostic use
	Do not use if damaged
STERILE	Sterile by Moist / Dry heat
NON STERILE	Non Sterile
	Single Use
	Manufacturer
LOT	Lot Number
	Bio hazardous material
CE	CE Mark – Against the European In Vitro Diagnostic Medical Device Directive 98/79/EC
	Storage temperature limitation
	Manufacture date
	Consult Instructions for use
	Avoid direct sunlight
	Keep Dry
	Expiration Date

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EC REP	EU Representative
⚠	WARNING – Consult IFU