



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.

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.

#### INTENDED USE

For confirmation of *L.monocytogenes* species from suspect colonies on CHROMagar Listeria.

*Listeria monocytogenes* is a widespread bacteria, present in the soil, sewage, or faecal matter. Its ability to form listerial biofilms on contact surfaces makes it difficult to eliminate. This pathogen can cause serious food poisoning and is therefore frequently isolated in food processing facilities to avoid food contamination. For fast food released onto the market, it is important to rapidly distinguish this pathogen from other harmless *Listeria* species such as *L.ivanovii*, *L.innocua*.

- In the food field:

For confirmation of *L.monocytogenes* species from suspect colonies on CHROMagar Listeria:

- In the clinical field:

For confirmation of *L.monocytogenes* in samples of human origin eg. blood cultures, vaginal swabs, or CSF.

- **Micro Organism Reactions pH : 7.00- 7.40**

Organisms	Result, Colour of Colony
<i>L.monocytogenes</i>	rose surrounded by a white halo
<i>L.ivanovii</i>	colourless surrounded by a white halo
<i>L.innocua</i>	rose without halo
<i>B.cereus</i>	colourless with irregular edge (intense halo)

#### TECHNIQUE

Using a sterile loop inoculate the medium with 4±5 colonies and incubate 18h to 24h at 37°C +/- 1°C.

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

#### References.

<sup>1</sup> EN 12322:1999 - *In vitro diagnostic medical devices - Culture media for microbiology - Performance criteria for culture media.*

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

<sup>3</sup> ISO11133\_Microbiology of food, animal feed and water — Preparation, production storage and performance testing of culture media

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 EN12322:1999<sup>1</sup>, M22-A3<sup>2</sup>, and ISO11133<sup>3</sup>,

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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# INSTRUCTIONS FOR USE –

## AGAR PLATES



**CHROMAGAR IDENTIFICATION LISTERIA**

**REF 1105**



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**Saudi Prepared Media Laboratory Company Ltd**  
 ‘Al Harath Bin Al Habab Street ٨٩٦٨  
 High-al Dubbath“ Malaz”  
 Riyadh 11461  
 Kingdom Of Saudi Arabia

### Symbols Definition

	Product Reference Number
	For in vitro diagnostic use
	Do not use if damaged
	Sterile by Moist / Dry heat
	Non Sterile
	Single Use
	Manufacturer
	Lot Number
	Bio hazardous material
	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





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**CHROMAGAR IDENTIFICATION LISTERIA**

**REF** 1105

	Expiration Date		
<table border="1"><tr><td>EC</td><td>REP</td></tr></table>	EC	REP	EU Representative
EC	REP		
	WARNING – Consult IFU		

