



**BILE AESCULIN AGAR**

**REF 1003**

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**

Bile Aesculin Agar is recommended for the presumptive identification of Group D Streptococci by their ability to hydrolyze Aesculin. Due to presence of iron in the medium, Aesculin hydrolyzing organisms produce dark brown to black coloured colonies.

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**• Micro Organism Reactions pH:**

Organism	Result, Colour of Colony
Enterococcus faecalis	Growth - brown black colonies
Streptococcus pyogenes	Inhibited
Escherichia coli	Growth - Colourless Colonies

**TECHNIQUE**

Inoculate the medium with 4±5 colonies or sample material and incubate at 37°C for 18-24 hours.

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.

**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



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**Symbols Definition**



AGAR PLATES

**BILE AESCULIN AGAR**

**REF 1003**

<b>REF</b>	Product Reference Number
<b>IVD</b>	For in vitro diagnostic use
	Do not use if damaged
<b>STERILE</b>	Sterile by Moist / Dry heat
	Non Sterile
	Single Use
	Manufacturer
<b>LOT</b>	Lot Number
	Bio hazardous material
<b>CE</b>	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
<b>EC REP</b>	EU Representative
	WARNING – Consult IFU