



## Liquid ECC

REF 1103

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**

Chromogenic medium for the simultaneous detection and enumeration of  $\beta$ -glucuronidase positive E.coli and coliforms in water samples. Coliforms, Enterobacteriaceae able to ferment lactose (lactose positive Enterobacteriaceae), are bacteria present in human and warm blooded animals intestinal flora, in the soil and water. Coliforms are proof of organic, environmental or faecal contamination. Faecal contamination, due to coliforms coming from animal waste, consists mainly of Escherichia coli and thermotolerant Klebsiella. Strict regulations exist for E.coli/Coliform presence in water and food samples. This can be explained by the importance of these germs in determining water and food safety.

- **Micro Organism Reactions pH : 7.1 +/- 0.2**

Organisms	Result, Colour of Colony
E. coli	blue
E. cloacae ATCC® 35030	purple
E. aerogenes ATCC®13048	purple
C. freundii ATCC®8090	purple
K. pneumoniae ATCC® 13883	purple
S.aureus ATCC® 25923	inhibited
E. faecalis ATCC® 29212	inhibited

**TECHNIQUE**

Using a sterile loop inoculate the medium with 4±5 colonies and incubate the Petri Dish at 37°C for 18-24h in aerobic conditions

As methods and media preference may vary as to media types and test method due to jurisdictions, and personal preferences the customer

**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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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**

**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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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
	Expiration Date
	EU Representative
	WARNING – Consult IFU