FluoroBio® CLED

A differential medium for the isolation and enumeration of micro-organisms from urine. Differentiation of *E. coli* colonies is possible by a fluorogenic procedure.

Dehydrated media	
Code number:	500 g: CLM20500, 5 kg: CLM25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,1 – 7,5

Direction: Suspend **37 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: CLM30100, 500 ml: CLM30500
Plated media:	55 mm: CLM50055, 90 mm: CLM50090
Colour:	Turquoise green
pH (25 °C):	7,2 – 7,4

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Peptones	11,900
L-Cystine	0,128
Lactose	10,000
MUG	0,100
Bromothymol blue	0,020
Agar	15,000

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	**Growth**	Incubation time: 24 h
Escherichia coli	ATCC 25922	Good, yellow colonies, fluorescence at 366 nm	
Proteus mirabilis	ATCC 29906	Good, blue colonies without swarming	
Enterococcus faecalis	ATCC 29212	Good, small yellow colonies	

References: Mackey et al. (1966) Br. Med. J. 1: 1173.
Kilian and Bulow (1984) Acta Path. Micr. Scand. Sect. B. 84: 245.

In vitro diagnostic – for professional use only!