

CLED ANDRADE AGAR

Medium for total bacterial count in urine.

TYPICAL FORMULA (g/l)

Peptone	4.0
Beef Extract	3.0
Tryptone	4.0
L-Cystine	0.128
Lactose	10.0
Bromothymol Blue	0.02
Agar	15.0
Acid Fuchsin	0.1
Final pH 7.5 ± 0.2	

DESCRIPTION

CLED ANDRADE AGAR is a medium for total bacterial count in urine.

PRINCIPLE

Peptone, beef extract and tryptone are a source of proteins and free amino acids. L-Cystine favours the growth of coliform bacteria. Lactose is a source of carbon. Bromothymol Blue is a pH indicator. Agar is the solidifying agent.

TECHNIQUE

Streak the sample over the surface of the medium using a sterile loop. Incubate plates at 36± 1°C for 24-48 hours.

INTERPRETATION OF RESULTS

Count the number of Colony-forming Units and express the result as CFU/mL of sample.

STORAGE

10-25°C away from light, until the expiry date on the label or until signs of deterioration or contamination are evident.

WARNING and PRECAUTIONS

The product is not classified as hazardous by current legislation and does not contain harmful substances in concentrations of ≥1%. The product is designed for *In vitro* diagnostic use and must be used only by properly trained operators.

DISPOSAL of WASTE

Disposal of waste must be carried out according to national and local regulations in force.

REFERENCES

1. Sandys, G.H. (1960). J. Med. Lab. Technol., 17; 224.
2. Isenberg, H.D. (1992). Clinical microbiology procedures handbook. American Society of Microbiology, Washington, D.C.
3. NCCLS document M22-A2, 1996. Approved Standard.



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PRODUCT SPECIFICATIONS

NAME

CLED ANDRADE AGAR

PRESENTATION

Ready plates (90 mm) containing 22+/-1 ml of medium.

PACKAGING

Code	Content	Packaging
10004	20 plates	<ul style="list-style-type: none"> • 5 plates in thermically soldered film • 4 x 5 plates in cardboard boxes
10004*	100 plates	<ul style="list-style-type: none"> • 5 plates in thermically soldered film • 2 x 5 plates in thermically soldered bag • 10 piles (2 x 5 ps) in box

pH OF THE MEDIUM

7.5 ± 0.2

USE

CLED ANDRADE AGAR is a medium for total bacterial count in urine.

TECHNIQUE

Refer to technical sheet of the product.

APPEARANCE OF THE MEDIUM

Green-bluish medium.

SHELF LIFE






6 months

QUALITY CONTROL

- Control of general characteristics, label and print
- Sterility control
 - 7 days at 20 ± 2°C, in aerobiosis
 - 7 days at 36 ± 1°C, in aerobiosis
- Microbiological control
 - Inoculum for productivity: 10-100 UFC/ml
 - Incubation conditions: 24 h at 36 ± 1°C

Microorganism		Growth	Appearance of colonies
<i>Escherichia coli</i>	ATCC 25922	Good	Red colonies
<i>Staphylococcus aureus</i>	ATCC 25923	Good	Red colonies
<i>Proteus mirabilis</i>	ATCC 25933	Good	Colourless colonies
<i>Enterococcus faecalis</i>	ATCC 29212	Good	Red colonies

TABLE OF SYMBOLS

IVD <i>In vitro</i> Diagnostic Medical Device	LOT Batch code	 Manufacturer	 Contains sufficient for <n> tests
REF Catalogue number	 Temperature limitation	 Use by	 Caution, consult accompanying documents



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