

INSTRUCTIONS FOR USE

CYSTINE-LACTOSE-ELECTROLYTE-DEFICIENT (CLED) AGAR PLATES P90/CLED - 20

INTENDED USE

CLED Agar is recommended for the isolation, enumeration, and presumptive identification of urinary pathogens.

TYPES OF SAMPLES

- Clinical

SPECIMEN COLLECTION AND HANDLING

Follow the appropriate sampling technique as per standard guidelines. Sampling and transport equipment must be used in accordance with the recommendations of their suppliers for the conservation of strains.

MATERIAL REQUIRED BUT NOT PROVIDED

Standard microbiological laboratory material for culture media preparation, control, streaking, incubation, and waste disposal.

PRECAUTIONS

- For in-Vitro diagnostic use. Read the label details and storage before opening the pack.
- Wear protective gloves / protective clothing / eye protection / face protection.
- Follow good microbiological lab practices while handling specimens and culture.

STORAGE & SHELF LIFE

- Store at 10 -15 °C.
- Use before the expiry date mentioned on the label.
- Keep away from direct light.

PHYSICAL PARAMETERS OF PREPARED PLATES

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| <input checked="" type="checkbox"/> Appearance: 90 mm petri plates with a smooth surface and absence of any particles, cracks, or bubbles. | <input checked="" type="checkbox"/> Colour: Blue-Green |
| | <input checked="" type="checkbox"/> Clarity: Slightly Opalescent |

INSTRUCTIONS FOR USE

- Open the sterile pack and remove the plates aseptically.
- Ensure the aseptic conditions are maintained while inoculating the plates.
- Inoculate the samples on each plate & incubate the plates at 35-37°C for 24 hrs or as per the standard procedure.
- Observe the colony colour and counts on the plates after incubation period.

CHECK

- ☑ Plate should be at room temperature before streaking the sample on the plate.

INOCULATION & INTERPRETATION

Inoculum: 50-100 CFU Incubation temperature: 35 - 37°C Incubation time: 24 hrs

Test Strains	ATCC No.	Inoculum	Growth	Colour of the colony
<i>Enterococcus faecalis</i>	ATCC 29212	50-100 CFU	Good	Small Yellow colonies
<i>Escherichia coli</i>	ATCC 25922	50-100 CFU	Good	Yellow colonies with deeper yellow centre
<i>Proteus mirabilis</i>	ATCC 25933	50-100 CFU	Good	Translucent Blue Colonies
<i>Staphylococcus aureus</i>	ATCC 25923	50-100 CFU	Good	Deep Yellow colonies
<i>Pseudomonas aeruginosa</i>	ATCC 27853	50-100 CFU	Good	Green colonies with matted surface
<i>Salmonella typhimurium</i>	ATCC 14028	50-100 CFU	Good	Bluish colonies
<i>Klebsiella pneumoniae</i>	ATCC 13883	50-100 CFU	Good	Yellow to whitish blue colonies

LIMITATIONS & COMPLEMENTARY TESTS

- It is recommended that biochemical, immunological, molecular, or mass spectrometry testing be performed on colonies from pure culture for complete identification of bacteria and/or fungi.

DISPOSAL

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Materials that have come in contact with infectious / clinical samples must be decontaminated and disposed of in accordance with current laboratory techniques and regulations.