

INSTRUCTIONS FOR USE

CETRIMIDE AGAR PLATES

P90/CET 3G - 20

INTENDED USE

Recommended for selective isolation of *Pseudomonas aeruginosa* from clinical specimens.

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 20 -30 °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: Light Amber |
| | <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 $32.5 \pm 2.5^{\circ}\text{C}$ 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: 30 - 35°C Incubation time: 24 hrs

Test Strains	ATCC No.	Inoculum	Growth
<i>Pseudomonas aeruginosa</i>	ATCC 27853	50-100 CFU	Luxuriant
<i>Escherichia coli</i>	ATCC 25922	$\geq 10^3$ CFU	Inhibited
<i>Staphylococcus aureus</i>	ATCC 25923	$\geq 10^3$ CFU	Inhibited
<i>Proteus mirabilis</i>	ATCC 29906	$\geq 10^3$ CFU	Inhibited
<i>Salmonella typhimurium</i>	ATCC 14028	$\geq 10^3$ CFU	Inhibited

LIMITATIONS & COMPLEMENTARY TESTS

- Additional testing such as biochemical tests and serological procedures should be performed to confirm the findings and to confirm a diagnosis of *P. aeruginosa*.

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.