

INSTRUCTIONS FOR USE

CHOCOLATE AGAR PLATES

P90/CHO (TSA) - 20

INTENDED USE

Chocolate Agar is a media used for the isolation and cultivation of fastidious microorganisms especially haemophilus species and Neisseria.

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

- ✓ Appearance: 90 mm petri plates with a smooth surface and absence of any particles, cracks, or bubbles.
- ✓ Colour: Chocolate
- ✓ Clarity: Opaque

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CHECK

- 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.
 - Check the plates after 24 hrs for any microbial growth and haemolysis of the strains.
- ✓ 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: 24-48 hrs

Test Strains	ATCC No.	Growth	Morphology
<i>Haemophilus influenzae</i>	ATCC 10211	Good	Small and opaque colonies
<i>Neisseria gonorrhoeae</i>	ATCC 43069	Good	-
<i>Neisseria meningitidis</i>	ATCC 13090	Good	-
<i>Streptococcus pneumoniae</i>	ATCC 6305	Good	-
<i>Streptococcus pyogenes</i>	ATCC 19615	Good	-

LIMITATIONS & COMPLEMENTARY TESTS

Chocolate Agar is enriched medium, thus non-pathogenic organisms may overgrow pathogenic bacteria. If isolation of *N. gonorrhoeae* is desired, a selective medium such as Thayer Martin Agar, Modified should be used in parallel with this non-selective formula.

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.