

INSTRUCTIONS FOR USE

SHEEP BLOOD WITH COLUMBIA AGAR BASE PLATES P90/SBA(COLUMBIA) - 20

INTENDED USE

Sheep Blood Agar (Columbia Agar Base) is a highly nutritious general-purpose medium for the isolation and cultivation of the non-fastidious and fastidious microorganisms from various clinical specimens and non-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 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: Cherry Red |
| | <input checked="" type="checkbox"/> Clarity: Opaque |

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

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.	Growth	Haemolysis
<i>Streptococcus pneumonia</i>	ATCC 6305	Good	Alpha
<i>Streptococcus pyogenes</i>	ATCC 19615	Good	Beta
<i>Staphylococcus aureus</i>	ATCC 25923	Good	Beta
<i>Candida albicans</i>	ATCC 10231	Good	Non-Haemolytic
<i>Enterococcus faecalis</i>	ATCC 29212	Good	Non-Haemolytic
<i>Escherichia coli</i>	ATCC 25922	Good	Non-Haemolytic

LIMITATIONS & COMPLEMENTARY TESTS

- It is recommended that biochemical, immunological, molecular and mass spectrometry testing be performed on colonies from pure culture for complete identification.
- Neisseria gonorrhoeae does not grow well on this medium.
- The medium is not suitable for the isolation and growth of Mycobacterium, Legionella, Bordetella and other organisms with highly specific nutritive requirements.

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.