

SpecificationSelective medium for *Gardnerella sp***Presentation**
 20 Prepared Plates
 90 mm
 with: 21 ± 2 ml
Packaging Details

1 box with 2 packs of 10 plates/pack. Single cellophane.

Shelf Life

3 months

Storage

2-14 °C

Composition

Composition (g/l):

Hydrolysate of casein.....	12.000
Beef Extract.....	3.000
Proteosa peptone.....	10.000
Yeast extract.....	3.000
Sodium chloride.....	5.000
Starch.....	1.000
Agar.....	15.000
Colistin.....	0.010
Nalidixic ac.....	0.010
Amphotericin B.....	0.004
Human blood.....	50 ml

Description /Technique

Collect, dilute and prepare samples as required.

Spread the sample onto the plate by streaking methodology or by spiral method. Incubate the plates in inverted position in a 5-7% carbon dioxide enriched aerobic atmosphere at 35-37°C for 24-48-72 hours. Preferably, spread with the same sample other non-enriched or non-selective media, previously defined by the laboratory, to have better and comparative results.

Different animal blood source, greater incubation times, humidity or larger percentage of carbon dioxide in atmosphere, may be required depending on the sample, on the specifications of the laboratory, the expected isolations to be found.

Each laboratory must evaluate and report results carefully; this highly nutritive medium allows recovery of a wide variety of fastidious microorganisms. Selective supplementation of the medium suppresses almost all the accompanying flora.

Consider both hemolysis reactions and colony appearance as well as the results obtained from other culture media, as keys for microbiological identification.

Presumptive isolation of any pathogen must be confirmed by further microbiological and biochemical tests.

Quality control**Physical/Chemical control**

Color : Red

pH: 7.2 ± 0.2 at 25°C

Microbiological controlSpiral Spreading: Practical range 100 ± 20 CFU. min. 50 CFU (productivity) / 10⁴-10⁶ CFU (selectivity).

Analytical methodology according to ISO 11133:2014/A1:2018; A2:2020.

Atmosphere 5%CO₂ Incubation at 37 ± 1 °C Reading at 48h-3 day**Microorganism***Gardnerella vaginalis* ATCC® 16404, WDCM 00053*Proteus mirabilis* ATCC® 43071*Candida albicans* ATCC® 10231, WDCM 00054**Growth**

Good

Inhibited

Inhibition (Partial to complet)

Sterility Control

Incubation 48 h at 30-35 °C and 48 h at 20-25 °C: NO GROWTH.

Check at 7 days after incubation in same conditions.

Reference: 102983XF **Technical Data Sheet**

Product: **Gardnerella Selective Agar**



Bibliography

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