



Reference: 06-155LYO1

Scharlau Microbiology - Technical Data

Product: **Haemophilus HTM supplement**

Specification

Sterile supplement to enhance the growth of *Haemophilus spp.*

Presentation

10 Freeze dried vials
Vial
with: 5 ± 0.1 g

Packaging Details

23x60 mm glass vials, tag labelled, White plastic cap -
10 vials per box.

Shelf Life

49 months

Storage

2-25 °C

Composition

Composition (g/vial)

NAD 0.0075
Haemin..... 0.0075

NOTE : Each vial is sufficient to
supplement 500 ml of Haemophilus test agar
base (HTM).

Reconstitute the original freeze-dried vial
by adding :

Sterile Distilled Water..... 6 ml

Description /Technique

Sterile supplement to enhance the growth of *Haemophilus spp.*

Technique:

Collect, dilute and prepare samples and volumes as required according to specifications, directives, official standard regulations and/or expected results.

Reconstitute the vial with a sterile diluent in aseptic conditions and add it to 500 ml of sterilized Haemophilus test Agar Base, cooled to room temperature.

Do not overheat once supplemented.

Once solidified on a flat surface, spread the plates by streaking methodology or by rubbing a swab moistened with the cell suspension (MacFarland 0,5).

Incubate the plates in 5% CO₂ atmosphere at 35-37°C for 18-20 h.

Incubation times longer than those mentioned above or different incubation temperatures may be required depending on the sample, on the methodology.



Reference: 06-155LYO1

Scharlau Microbiology - Technical Data

Product: Haemophilus HTM supplement

Quality control

Physical/Chemical control

Color :

Microbiological control

Reconstitute 1 vial as indicated in COMPOSITION; shake and dissolve completely

Add 1 vial to 500 ml of medium base. DO NOT HEAT once supplemented.

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

Distribute the complete medium, cooled to 50 °C, into 90 mm plates

Incubate according instructions for complete medium indicated in COMPOSITION.

5-10% CO₂ atmosphere. Incubation at 37 ±1 °C during 48 ± 2 h.

Microorganism

Growth

Haemophilus influenzae ATCC® 10211

Good

Sterility control

Add 5 ml of the sample to:

100 ml TSB and 100 ml Thioglycollate.

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

Bibliography

BAUER, A.W., W.M.M. KIRBY, J.C. SHERRIS & M. TURCK (1966) Antibiotic Susceptibility Testing by a standardized single disk method. Am. J. Clin. Pathol. 45:493-496

ERICSSON, H.M. & J.C. SHERRIS (1971) Antibiotic Sensitivity Testing. Report of an internal collaborative study. Acta Pathol. Microbiol. Scand. 217(Suppl B):1-90

JORGENSEN, J.H., J.S. REDDING, L.A. MAHER & A.W. HOWELL (1987). Improved medium for antimicrobial susceptibility testing of *Haemophilus influenzae*. J. Clin. Microbiol. 25:2105-2113

CLSI (2006) Performance Standards for antimicrobial disk susceptibility Tests; Approved Standard - 9th Edition. Document M2-A9, Vol. 23, No. 1

CLSI (2008) Performance Standards for Antimicrobial Susceptibility Testing; 8th Informational Supplement. Document M-100 S-18 Vol. 28, No. 1.