



THAYER MARTIN MEDIUM BASE

Product Number **T1313**

Product Description

Thayer Martin Medium Base with the addition of supplements is used as a selective medium for isolating gonococci from pathogenic specimens. Thayer Martin Medium Base was developed for the primary isolation of *Neisseria gonorrhoeae* and *Neisseria meningitidis* from specimens containing mixed flora. Special peptone provides nutrients to the microorganisms while the starch neutralizes the toxic fatty acids if present in the agar.

Components

Item	g/L
Special Peptone	23.00
Starch	1.00
Sodium Chloride	5.00
Agar	13.00

Final pH (at 25°C) 7.0 ± 0.2

Precautions and Disclaimer

For laboratory use only. Not for drug, household or other uses.

Preparation Instructions

Suspend 21 grams of Thayer Martin Medium Base in 450 mls of distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45°C. Aseptically add 50 mls of sterile lysed blood and the rehydrated contents of one vial of Vitamino Growth Supplement V3633 and one vial of V.C.N. Supplement V9882. Mix well.

Product Information

Storage

Store the dehydrated medium at 24°C and the prepared medium at 2-8° C.

Product Profile

Appearance	Yellow colored, homogeneous, free flowing powder.
Gelling	Firm.
Color and Clarity	Basal Medium yields a yellow colored clear to slightly opalescent gel.
Cultural Response	Cultural characteristics observed after 18-48 hours at 35°C.

Organisms

Neisseria meningitidis
Neisseria gonorrhoeae

Growth

luxuriant
luxuriant

References

1. Thayer, J. et al., (1966). Public Health Rep. 81,361.
2. Martin J.E. Jr. et al., (1971). HSMHA Hlth. Service Rep. 86(1),30.
3. MacFaddin, J., (1985). Media for Isolation-Cultivation-Identification-Maintenance of Medical Bacteria. Vol. 1. Williams and Wilkins. Baltimore, Maryland.

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