

INTENDED USE

PRO-LAB C.V.A.T. is an antibiotic supplement used to enhance the isolation of *Neisseria gonorrhoeae* and *Neisseria meningitidis*.

SUMMARY AND EXPLANATION

The plated medium known as Thayer Martin is a popular choice amongst clinical microbiologists for the isolation and detection of *Neisseria gonorrhoeae*.^{1,2,3} The modification of the use of Amphotericin B in place of nystatin, in the above medium, proved to be more effective as an anti-fungal agent.⁴

DESCRIPTION

Accurate quantities of Colistin Methane Sulphonate, Vancomycin, Amphotericin B and Trimethoprim Lactate are freeze-dried and provided in individually labelled vials. Each vial is sufficient to supplement 1000 ml of prepared medium.

FORMULA

Each vial of reconstituted C.V.A.T., when added to 1 litre of medium, will provide the following:

Colistin Methane Sulphonate	7500 mcg/vial
Vancomycin	3000 mcg/vial
Amphotericin B	1000 mcg/vial
Trimethoprim Lactate	3000 mcg/vial

PROCEDURE

To reconstitute each vial of PRO-LAB C.V.A.T. PL.560, add aseptically, 10 ml of sterile distilled water. After closing the vial, gently agitate to complete reconstitution. Add the contents of the vial to a final 1000 ml prepared medium at a temperature not greater than 50°C. Overnight storage at 4°C is recommended to allow suitable equilibration. For extended storage at 4°C eg. up to 7 days, plates should be contained in sealed plastic sleeves or similar protective packaging.

IN USE

1. Before using selective medium ensure that plates are dry.
2. Inoculate test material onto surface of agar using sterile inoculating loop (PL.100) or a sterile swab in such a manner as to encourage the growth of isolated colonies.
3. Incubate plates at 35° to 37°C in a humid atmosphere at 5-10% CO₂.
4. Examine after incubation.
5. Gonococci will be seen as non-pigmented translucent colonies.

SAFETY PRECAUTIONS

1. PRO-LAB C.V.A.T. Supplement PL. 560 is offered only as an *in vitro* material and is in no way intended for a curative or prophylactic purpose.
2. During and after use, handle all materials in a manner conforming to Good Laboratory Practices and consider at all times that material under test should be regarded as a potential biohazard if mishandled.

PRESENTATION









PRO-LAB C.V.A.T. Supplement is supplied 10 vials per box (lyophilized).

STORAGE

PRO-LAB C.V.A.T. Supplement must be stored at 2° to 8°C. Kept under these conditions it may be used up to date of expiry shown on product label.

REFERENCES

1. Thayer, J.D., and Martin, J.D. 1966. Publ. Hlth. Rep. 81: 559.
2. Riddell, R.H. and Buck, A.C. 1970. Trimethoprim as an additional selective agent in media for the isolation of *N. gonorrhoeae*. J. Clin. Path. 23: 481-483.
3. Seth, A. 1970. Use of trimethoprim to prevent overgrowth by *Proteus* in the cultivation of *N. gonorrhoeae*. Brit. J.Vener. Dis. 46: 201-202.
4. Faur, Y.C., Weisburd, M.H. and Wilson, M.E. 1973. Health Lab. Sci. 10: 55-60.

	= Use by
	= Lot number
	= Catalogue number
	= Manufacturer
	= Authorized Representative in the European Community
	= In vitro diagnostic medical device
	= Temperature limitation
	= Consult instructions for use