

CPLM SELECTIVE WITH CAF

Ready to use tubes

INTENDED USEReady to use tubes for the detection of *Trichomonas***TYPICAL FORMULA (g/l)**

Tryptone	20.000
Liver Extract	5.000
Cysteine HCl	1.500
Maltose	1.000
Agar	0.500
Methylene Blue	0.003
Chloramphenicol	0.100
Horse Serum	50 ml

Final pH 6.0 ± 0.2

DESCRIPTION

CPLM Selective with CAF is a selective medium for the isolation of organisms belonging to the genus *Trichomonas*. The medium is prepared according to the formula described by Kupferberg, Johnson and Sprince. For the isolation of *Trichomonas*, and for diagnostic purposes from specimens of vaginal and other origins, the presence of an inhibitory agent in the medium is necessary to inhibit other microorganisms commonly present. The best selective agents are penicillin, streptomycin and chloramphenicol. The latter being far more stable than other antibiotics, with regards to sterilisation by autoclaving, is included in CPLM Selective with CAF.

TECHNIQUE

The medium is inoculated with the sample and incubated at 37°C for 48 hours. After this period, a microscope test on the growth in the broth is carried out.

If the presence of *Trichomonas* is not evident under microscopic observation, continue the incubation for a further 48-72 hours. After this period reexamine the culture under the microscope, and if once again confirms negative, the presence of *Trichomonas* in the specimen can be excluded.

To check anti-trichomonas therapy, Kupferberg recommends the use of a broth culture test at least one week after pharmacological treatment has been suspended. If the result is negative, repeat the test 2-4 weeks after the end of the therapy. If the negative results of the first culture are confirmed, the patient may then be considered parasitologically cured. Research of parasites by the culture method is more accurate than direct microscopic tests of the specimen, and easier to perform.

STORAGE

Store at 2-8° away from direct light - When stored as directed the tubed media remain stable until the expiry date shown on the label. Do not use beyond stated expiry date. Media should not be used if there are any signs of deterioration, discoloration or contamination.

PRECAUTIONS

For *in vitro* diagnostic use only. Observe approved biohazard precautions and aseptic techniques. To be used only by adequately trained and qualified laboratory personnel. Sterilize all biohazard waste before disposal.

REFERENCES

- Kean, S.H. and Day, E. (1954) - Am. J. Obst. and Gynec., **68**:1510 - 1518
- Kupferberg, A.B. Johnson, G., and Sprince, H. (1948) - Proc. Soc. Exper. Biol. Med., **67**:304-308.
- Kupferberg A.B. (1955) - International Rec. Med. and Gen Practice Clinics, **168**:709 - 717.
- Williams, M.H. (1950) - Am. J. Obst. and Gynec., **60**:224 - 225.

PACKAGING**5513311****Trichomonas CPLM Selective Broth****20 x 9 ml ready to use tubes**