

TRICHOMONAS (CPLM) MEDIUM BASE, MODIFIED

A selective medium for the cultivation of *Trichomonas vaginalis*.

Dehydrated media	
Code number:	500 g: CPL20500, 5 kg: CPL25000
Colour:	Brownish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	5,8 – 6,2

Direction: Suspend **17,5 g** in 425 ml of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Cool to 50 °C and add aseptically the contents of **one vial of Trichomonas Selective Supplement (TSS80004)** reconstituted with 4 ml of sterile distilled water and **70 ml of sterile inactivated (i.e. serum held at 56 °C for 30 minutes) and pH adjusted (6,0) horse serum**. Mix well and dispense aseptically into sterile test tubes.

Prepared media	
Bottled media:	100 ml: CPL30100, 500 ml: CPL30500
Tubed media:	150 x 15 mm: CPL40010 (10 ml) 150 x 15 mm: CPL40007 (7 ml)
Colour:	Yellowish, with green colour ring on the top
pH (25 °C):	5,9 – 6,1

Direction: Supplement the bottled media according to the direction of the dehydrated media and dispense aseptically into sterile test tubes. Media in tubes are ready to use.

WARNING!

The media may be used until approximately 30% of the medium (top layer) has been oxidized, as indicated by a green colour of the methylene blue near the surface. If oxidation has proceeded further, the media may be reheated once in steam or boiling water, cooled and used.

FORMULA in g/l

Nutrient substrate (peptones, liver extract)	26,000
L-Cysteine	2,000
Maltose	1,000
Ringer solution	4,500
Methylene blue	0,005
Buffers	0,500
Agar	1,000

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Store the tubed media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 48 h
<i>Trichomonas vaginalis</i> ATCC 30001		Good	

References: Johnson and Trussel (1943) Proc. Soc. Exp. Biol. 54: 245.
Szénási et al. (1999) Hungarian Venerological Archive 3: 215.

In vitro diagnostic – for professional use only!