

## TRICHOMONAS MEDIUM BASE

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

<b>Dehydrated media</b>	
Code number:	500 g: TRM20500, 5 kg: TRM25000
Colour:	Brownish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,2 – 6,6

**Direction:** Suspend **18,5 g** in 455 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 **40 ml of sterile inactivated (i.e. serum held at 56 °C for 30 minutes) and pH adjusted (6,4) horse serum**. Mix well and dispense aseptically into sterile test tubes.

<b>Prepared media</b>	
Bottled media bases:	100 ml: TRM30100, 500 ml: TRM30500
Tubed media:	150 x 15 mm: TRM40010 (10 ml)
Colour:	Brownish
pH (25 °C):	6,3 – 6,5

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

### FORMULA in g/l

Liver extract	24,5
Glucose	5,0
Sodium chloride	6,5
Agar	1,0

**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: 24 h
<i>Trichomonas vaginalis</i> ATCC 30001		Good	

**References:** Freinberg and Whittington (1957) J. Clin. Path. 10: 327.

**In vitro diagnostic – for professional use only!**