

## TRICHOMONAS BROTH

Basal medium for *Trichomonas spp* isolation from urethral and vaginal swabs and urine specimens.

TYPICAL FORMULA	(g/l)
Tryptone	17.0
Peptone	3.0
Yeast Extract	10.0
Maltose	5.0
L-Cysteine	1.0
Ascorbic acid	1.0
Potassium Phosphate monobasic	1.0
Potassium Phosphate bibasic	0.6
Chloramphenicol	0.1

Final pH = 6.0 ± 0.2 at 25 °C.

### DIRECTIONS

Suspend 38.7 g of powder in 1 liter of distilled or deionized water.  
Heat until completely dissolved.  
Dispense in final containers.  
Sterilize in autoclave at 121 °C for 15 minutes.  
Cool to 45-50 °C.  
Aseptically add 100 ml of inactivated horse serum. Mix well.

### DESCRIPTION

TRICHOMONAS BROTH is a basal medium used for isolating *Trichomonas spp*.  
The medium is equally suitable for the examination of urethral and vaginal swabs, and urine specimens.

### TECHNIQUE

Inoculate Trichomonas Broth and incubate at 36 ± 1 °C for 3-5 days.  
At intervals, microscopically examine the medium taken from the bottom of the tube. In addition microscopically examine fresh wet smears of the specimen at the time of initial culture.

### QUALITY CONTROL

#### Dehydrated medium

Appearance: free-flowing, homogeneous.  
Color: cream-white.

#### Prepared medium

Appearance: clear.  
Color: light amber.  
Incubation conditions: 36 ± 1 °C for 3-5 days.

Microorganism	ATCC	Growth
<i>Trichomonas vaginalis</i>	30001	good
<i>Candida albicans</i>	10231	good
<i>Escherichia coli</i>	25922	none

### STORAGE

The powder is very hygroscopic: store the powder at 10-30 °C, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident.  
Store prepared media at 2-8 °C.

### REFERENCES

1. Rayner, C.F.A. (1968). Comparison of culture media for the growth of *Trichomonas vaginalis*. Br. J. Vener. Dis. **44**: 63-66.
2. Murray, P.R. (1999). Manual of clinical microbiology, 7th ed. American society of microbiology, Washington DC.



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**PRESENTATION**

Product	REF	$\Sigma$
TRICHOMONAS BROTH (12.9 l)	610061	500 g
TRICHOMONAS BROTH (2.5 l)	620061	100 g
HORSE SERUM	83810	100 ml

**TABLE OF SYMBOLS**

<b>LOT</b> Batch code	 Caution, consult accompanying documents	 Manufacturer	$\Sigma$ Contains sufficient for <n> tests	<b>IVD</b> <i>In Vitro</i> Diagnostic Medical Device
<b>REF</b> Catalogue number	 Fragile, handle with care	 Use by	 Temperature limitation	 Keep away from heat source



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