

## TCBS AGAR

A selective medium for the isolation of pathogenic vibrios.

Dehydrated media	
Code number:	500 g: TCB20500, 5 kg: TCB25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before sterilization (25 °C):	8,4 – 8,8

**Direction:** Suspend **91 g** in one litre of distilled water and soak for 10 minutes. Heat with frequent agitation until the medium boils well. Mix well before pouring.

### Warning!

The medium is heat sensitive.  
No further sterilisation is necessary or desirable.

Prepared media	
Bottled media:	100 ml: TCB30100, 500 ml: TCB30500
Plated media:	55 mm: TCB50055, 90 mm: TCB50090
Colour:	Blue
pH (25 °C):	8,5 – 8,7

**Direction:** Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

## FORMULA in g/l

Peptones	18,00
Bacteriological bile	8,00
Sucrose	20,00
Sodium chloride	10,00
Sodium citrate	10,00
Sodium thiosulphate	10,00
Ferric citrate	1,00
Bromothymol blue	0,04
Thymol blue	0,04
Agar	14,00

**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 plated 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>Vibrio parahaemolyticus</i>	ATCC 17802	Good, yellow colonies	
<i>Escherichia coli</i>	ATCC 25922	Inhibited	
<i>Proteus mirabilis</i>	ATCC 29906	Inhibited without swarming	

**References:** Kobayashi et al. (1963) Jap. J. Bact. 18. 10-11: 387.

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