

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, green 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!