ChromoBio® TBX

A selective and differential chromogenic medium for the detection and enumeration of *E. coli* according to ISO 16649.

Dehydrated media	
Code number:	500 g: TBX20500, 5 kg: TBX25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

Direction: Suspend **37 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 115 °C for 15 minutes.

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

Prepared media	
Bottled media:	100 ml: TBX30100, 500 ml: TBX30500
Plated media:	55 mm: TBX50055, 90 mm: TBX50090
Colour:	Yellowish
pH (25 °C):	7,1 – 7,3

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

FORMULA in g/l

Casein peptone	20,000
Bile salts No.3	1,500
BCIG cyclohexyl ammonium salt x 1 H_2O	0,075
Agar	15,500

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
Escherichia coli	ATCC 25922	Good, blue colonies	
Proteus mirabilis	ATCC 29906	Good, colourless colonies without swarming	
Enterococcus faecalis	ATCC 29212	Inhibited	

References: Frampton et al. (1988) J. Food Protection 51: 402.
ISO 16649-1:2018, ISO 16649-2:2005, ISO 16649-3:2015

For professional use only!