

TBX Chromogen Agar Tryptone Bile X Glucuronic Agar

TN 1259 500 g
TN 1192 100 g



Intended use

Used for the detection and determination of the colony count of *E. coli* from foodstuffs.

Form

Powder

Colour

Bright beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

5 years

Typical composition

Component	g/l
Casein peptone	20
Bile salts No. 3	1.5
X-β-D-Glucuronic acid (BCIG)	0.075
Agar	10

Directions

Suspend 31.6 g in 1 litre distilled water and heat until completely dissolved. Autoclave at 121 °C for 15 minutes.

Final pH at 25 °C

7.2 ± 0.2

Microbiological quality control

Incubate TBX Chromogen Agar (Tryptone Bile X Glucuronic Agar) aerobically for 2 hours at 36 ± 1 °C. Then incubate it for 20-24 hours at 44 ± 1 °C.

Test strains	ATCC no.	CFU/ plate	Colony morphology	Indole reaction with Kovacs Reagent
<i>Escherichia coli</i>	25922	10-00	blue colonies (β-glucuronidase-positive)	positive
<i>Escherichia coli</i>	10536	10-100	blue colonies (β-glucuronidase-positive)	positive
<i>Escherichia coli</i>	8739	10-100	blue colonies (β-glucuronidase-positive)	positive
<i>Citrobacter freundii</i>	8090	10-100	white colonies (β-glucuronidase-negative)	negative
<i>Klebsiella oxytoca</i>	49131	10-100	white colonies (β-glucuronidase-negative)	positive
<i>Pseudomonas aeruginosa</i>	25668	10-100	no growth	n.a.
<i>Staphylococcus aureus</i>	25923	100-1000	no growth	n.a.
<i>Enterococcus faecalis</i>	19433	100-1000	no growth	n.a.