

ChromoBio® UTI

A differential chromogenic medium for the simultaneous detection of all the main micro-organisms that cause urinary tract infections. The white opaque medium improves visualization of colour reactions.

Dehydrated media	
Code number:	500 g: UTI20500, 5 kg: UTI25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,8 - 7,2

Direction: Suspend **50 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Mix thoroughly before pouring.

Prepared media	
Bottled media:	100 ml: UTI30100, 500 ml: UTI30500
Plated media:	55 mm: UTI50055, 90 mm: UTI50090
Colour:	White, opaque
pH (25 °C):	6,9 - 7,1

Direction: After thorough mixing dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Peptones	29
Chromogenic substrate	5
White pigment	1
Agar	15

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>Escherichia coli</i>	ATCC 25922	Good, purple colonies	
<i>Citrobacter freundii</i>	ATCC 6750	Good, red colonies	
<i>Klebsiella aerogenes</i>	ATCC 13048	Good, grey colonies	
<i>Klebsiella pneumoniae</i>	ATCC 13883	Good, grey colonies	
<i>Proteus mirabilis</i>	ATCC 29906	Good, brown colonies with brown halo	
<i>Salmonella typhimurium</i>	ATCC 14028	Good, colourless colonies	
<i>Enterococcus faecalis</i>	ATCC 29212	Good, green colonies	

In vitro diagnostic – for professional use only!