

DEOXYCHOLATE CITRATE AGAR

A selective and differential medium for the isolation of Gram-negative enteric micro-organisms.

Dehydrated media	
Code number:	500 g: DCD20500, 5 kg: DCD25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before sterilization (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. Mix well before pouring.

Warning!

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

Prepared media	
Bottled media:	100 ml: DCD30100, 500 ml: DCD30500
Plated media:	55 mm: DCD50055, 90 mm: DCD50090
Colour:	Brownish
pH (25 °C):	6,9 – 7,1

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

FORMULA in g/l

Peptones	20,00
Lactose	10,00
Sodium citrate	5,00
Sodium deoxycholate	2,50
Neutral red	0,02
Agar	12,48

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	Partially inhibited, rose-red colonies	
<i>Salmonella typhimurium</i>	ATCC 14028	Good, colourless colonies	
<i>Proteus mirabilis</i>	ATCC 29906	Good, colourless colonies without swarming	
<i>Enterococcus faecalis</i>	ATCC 29212	Inhibited	

In vitro diagnostic – for professional use only!