DEOXYCHOLATE LACTOSE AGAR

A selective and differential medium for the enumeration and isolation of coliform micro-organisms.

Dehydrated media	
Code number:	500 g: DCL20500, 5 kg: DCL25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before sterilization (25 °C):	7,0 – 7,4

Direction: Suspend **45 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: DCL30100, 500 ml: DCL30500
Plated media:	55 mm: DCL50055, 90 mm: DCL50090
Colour:	Brownish
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

Peptones	14,500
Lactose	10,000
Sodium chloride	5,000
Sodium citrate	2,000
Sodium deoxycholate	0,500
Neutral red	0,033
Agar	13,000

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, rose-red colonies	
Proteus mirabilis	ATCC 29906	Good growth, colourless colonies without swarming	
Enterococcus faecalis	ATCC 29212	Inhibited	

References: APHA (1992) Compendium of Methods for the Microbiological Examinations of Foods, 3rd ed.

In vitro diagnostic – for professional use only!