

CAMPYLOBACTER BLOOD-FREE AGAR BASE

A selective blood-free medium for the isolation of *Campylobacter* spp. according to ISO 10272.

Dehydrated media	
Code number:	500 g: CCA20500, 5 kg: CCA25000
Colour:	Black
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

Direction for Campylobacter Blood-free Agar, CCDA: Suspend **24 g** in 500 ml of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Cool to 50 °C and add aseptically the contents of **one vial of Campylobacter Selective Supplement, CCDA (CCS80004)** reconstituted with 4 ml of sterile distilled water. Mix well before pouring.

Direction for Campylobacter Blood-free Agar, CAT: Suspend **24 g** in 500 ml of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Cool to 50 °C and add aseptically the contents of **one vial of Campylobacter Selective Supplement, CAT (CCP80004)** reconstituted with 4 ml of sterile distilled water. Mix well before pouring.

Prepared media	
Bottled media bases:	100 ml: CCA30100, 500 ml: CCA30500
Campylobacter Blood-free Agar, CCDA plate:	55 mm: CCA50055, 90 mm: CCA50090
Campylobacter Blood-free Agar, CAT plate:	55 mm: CCA50055-01, 90 mm: CCA50090-01
Colour:	Black
pH (25 °C):	7,1 – 7,3

Direction: Supplement the melted bottled media bases according to the direction of the dehydrated media and dispense aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Meat peptone	10,00
Casein peptone	3,00
Meat extract	10,00
Sodium chloride	5,00
Sodium deoxycholate	1,00
Ferrous sulphate x 1 H ₂ O	0,25
Sodium pyruvate	0,25
Charcoal	4,00
Agar	14,50

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: 48 h
<i>Campylobacter jejuni</i> ATCC 33291		Good (under microaerobic conditions)	
<i>Escherichia coli</i> ATCC 25922		Inhibited	

References: Bolton et al. (1984) J. Clin. Microbiol. 19: 169.
ISO 10272-2:2017

In vitro diagnostic – for professional use only!