

CAMPYLOBACTER AGAR BASE

A selective medium for the isolation of *Campylobacter* spp.

Dehydrated media	
Code number:	500 g: CAA20500, 5 kg: CAA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,3 – 7,7

Direction for Campylobacter Agar: Suspend **19 g** in 470 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 **25 ml of sterile lysed horse blood** and the contents of **one vial of Campylobacter Growth Supplement (CGS80004)** reconstituted with 4 ml of sterile distilled water. Mix well before pouring.

Direction for selective Campylobacter Agars: Dissolve the contents of **one vial of Campylobacter Selective Supplement, Blaser-Wang (CBW80004)** or **Campylobacter Selective Supplement, Skirrow (CSS80004)** with 4 ml of sterile distilled water or dissolve the content of **one vial of Campylobacter Selective Supplement, Preston (CPS80004)** with 4 ml of 1:1 mixture of acetone and sterile distilled water and add aseptically to the Campylobacter Agar at 50 °C. Mix well before pouring.

Prepared media	
Bottled media bases:	100 ml: CAA30100, 500 ml: CAA30500
Plated Campylobacter Selective Agar, Blaser-Wang:	55 mm: CAA50055-BW, 90 mm: CAA50090-BW
Plated Campylobacter Selective Agar, Skirrow:	55 mm: CAA50055-SR, 90 mm: CAA50090-SR
Plated Campylobacter Selective Agar, Preston:	55 mm: CAA50055-PR, 90 mm: CAA50090-PR
Colour of bottled media bases:	Yellowish
Colour of plated media:	Red
pH (25 °C):	7,4 – 7,6

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

Peptones	20
Sodium chloride	5
Agar	13

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	
<i>Escherichia coli</i> ATCC 25922		Inhibited	

References: Bolton and Robertson (1982) J. Clin. Pathol. 35: 462.

In vitro diagnostic – for professional use only!