

CAMPYLOBACTER AGAR BASE, KARMALI

A selective blood-free medium for the isolation of *Campylobacter* spp.

Dehydrated media	
Code number:	500 g: CAK20500, 5 kg: CAK25000
Colour:	Black
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,2 – 7,6

Direction: Suspend **23 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, Karmali (CPK80004)** reconstituted with 4 ml of sterile distilled water. Mix well before pouring.

Prepared media	
Bottled media bases:	100 ml: CAK30100, 500 ml: CAK30500
Plated media:	55 mm: CAK50055, 90 mm: CAK50090
Colour:	Black
pH (25 °C):	7,3 – 7,5

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

Columbia Blood Agar Base	42,000
Charcoal	4,000
Hemin	0,032

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: Karmali et al. (1986) J. Clin. Microbiol. 23: 456.

In vitro diagnostic – for professional use only!