

IVD solutions through partnership



CHROMagar™ Campylobacter

For detection, differentiation and enumeration
of thermotolerant *Campylobacter*

CHROMagar™
The Chromogenic Media Pioneer

● CHROMagar™ Campylobacter

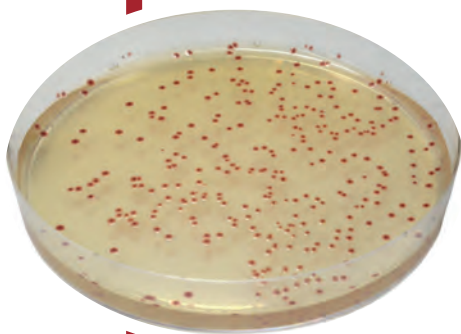
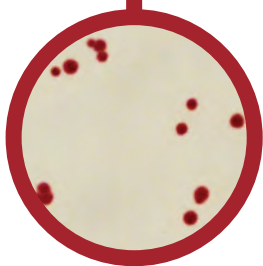


Plate Reading

- *Campylobacter jejuni, coli, lari*
→ red
- Other bacteria
→ blue or inhibited



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Background

"*Campylobacter* bacteria are a major cause of foodborne diarrhoeal illness in humans and are the most common bacteria that cause gastroenteritis worldwide. In developed and developing countries, they cause more cases of diarrhoea than foodborne *Salmonella*. The high incidence of *Campylobacter* diarrhoea, as well as its duration and possible sequelae, makes it highly important from a socio-economic perspective. In developing countries, *Campylobacter* infections in children under the age of two years are especially frequent, sometimes resulting in death."

World Health Organisation (WHO) – fact sheet N°255

Campylobacter spp. are fastidious bacteria that may be difficult to recover due to suboptimal specimen transport and/or storage conditions and lack of proper culture procedures. Several culture media formulations have been developed, some blood-based other including charcoal. Each of these media have shown to be a mediocre compromise between specificity and sensitivity.

With CHROMagar™ Campylobacter, no compromises! This medium allies the highly specific and easy to read chromogenic technology with an unrivalled growth agar base.

Medium Performance

- 1 In accordance to ISO 10272-1 requirements**
as a selective medium for the detection of *Campylobacter*
- 2 Easy reading**
36-48 h incubation at 42 °C.
The intense red colored colonies on a translucent agar facilitates the reading compared to charcoal based agar.
- 3 High recovery rate ~ 100 %**
Enumerating *Campylobacter* has never been so simple and so reliable.
- 4 Highly selective**
In addition, a reinforced selectivity allows for a very clean plate, even with heavily flora loaded samples.

Medium Description

Powder Base	Total51.2 g/L
	Agar 15.0
	Peptones and yeast extract 25.0
	NaCl 9.0
	Chromogenic and selective mix 2.2
	Storage at 15/30 °C - pH: 7.4 +/-0.2
	Shelf Life > 12 months
+ Supplement (included in the pack)	Specific Powder supplement 0.21 g/L
	Storage at 2/8 °C
	Aspect: Powder Form
	Shelf Life > 12 months

Usual Samples	Clinical: Stools Industrial: Food, environmental samples
Procedure	Direct streaking. Incubation 36-48 h at 42 °C Micro-aerophilic conditions.

Scientific Publications on this product: available on www.CHROMagar.com
Please read carefully the instructions for use (IFU document) available on www.CHROMagar.com



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Ordering Information

Product	Order Code
CHROMagar™ Campylobacter dry media, 5 liter	15CP572
CHROMagar™ Campylobacter ready to use plates, 20 pcs.	202094