

Orion GenRead
Campylobacter



Orion GenRead[®] Campylobacter

When prompt diagnosis matters



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The Orion GenRead Campylobacter test provides a simple means of detecting the most commonly reported gastrointestinal bacterial pathogen in humans. It improves current testing practices by offering a fast and sensitive method for diagnosing *Campylobacter* infection, that can be used in any laboratory.

Orion GenRead Campylobacter is intended for detection of *Campylobacter* species *C. jejuni*, *C. coli* and *C. lari* directly from faecal samples. The test which targets the 16S ribosomal RNA gene of *Campylobacter* species, is based on the isothermal SIBA® technology*.

Because...

FAST

- » Requires little hands on time
- » Provides results in less than one hour
- » Supports prompt diagnosis of campylobacteriosis

SENSITIVE

- » Allows detection also of nonculturable isolates
- » Offers improved sensitivity over culture, gold standard method

EASY TO USE

- » Simple sample handling procedure without a separate DNA purification step
- » All-inclusive, CE-marked reagent kit with an internal control integrated into each test tube
- » Allows testing 1–12 samples at a time

* SIBA (Strand Invasion Based Amplification) is Orion Diagnostica's proprietary isothermal nucleic acid amplification technology which allows accurate molecular testing also outside traditional PCR laboratories.

For more information, please consult instructions for use.



Orion GenRead Campylobacter performance relative to culture

	Sensitivity	Specificity
Culture + MALDI-TOF MS (faeces collected in container) (n=154)	100%	92%
Culture (faeces collected in Amies transport medium) (n=353)	93%	99%
Culture + MALDI-TOF MS (retrospective samples) (n=151)	95%	92%

Product	Cat. no.
Orion GenRead Campylobacter	148048
Orion GenRead Instrument	143924
Orion GenRead Workstation	147701
Orion GenRead Battery unit	147749



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All Orion GenRead test kits are CE marked.

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