

BIOMÉRIEUX

CAMPYLOBACTER

bioMérieux solutions



PIONEERING DIAGNOSTICS

Protect your reputation. Protect your consumers.

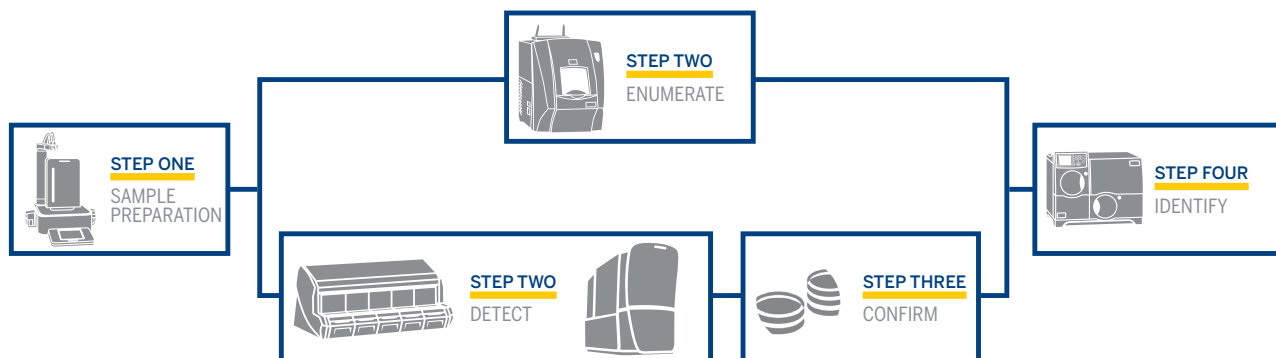
THE *CAMPYLOBACTER* IMPACT ON THE POULTRY INDUSTRY

***Campylobacter* is recognized as the primary bacterial cause of human zoonotic gastroenteritis.**

Poultry meat is a major source of this food pathogen.

- In humans, *Campylobacteriosis* is characterized by fever, enteric disorders, and in rare cases by dramatic neurological disease (Guillain-Barré syndrome).
- *Campylobacter* ranks third of the microorganisms responsible for death after *Salmonella* and *Listeria*
- Broiler chickens are natural hosts for this pathogen and may carry a very high *Campylobacter* load without showing any symptoms.
- As part of an effort to make chicken safer to eat, USDA Food Safety measures released in 2016 and the European Regulation (EU) No. 2017/1495 amending Regulation (EU) 2073/2005 released in 2017 are aimed at reducing the level of *Campylobacter* coming from poultry.
- ***Campylobacter* surveillance must apply to the establishment's overall process control**

A RANGE OF COMPLEMENTARY PRODUCTS FOR SIMPLIFIED AND EFFECTIVE PROTOCOLS



Optimize workflow and traceability from sample reception to batch release with CONNECT-UP™ Data Management Solution

TEMPO® *CAMPYLOBACTER* ENUMERATION

Quantification of *Campylobacter* spp. with a rapid, reliable and traceable method is needed to evaluate the effectiveness of operational interventions.

Simple Tempo protocol: Thanks to automation, make *Campylobacter* enumeration robust & as simple as possible (**e.g. no serial dilution**).

- High performance media: **no more false positive or false negative results** due to background flora (thanks to high selectivity).
- No confirmation: **Get the final result within 44-48hrs**



TEMPO CAM
AOAC PTM 112002
Item# 421509

GENE-UP® AND VIDAS® *CAMPYLOBACTER* DETECTION



GENE-UP CAM
AOAC PTM 012202
Item# IS1100



VIDAS CAM
AOAC PTM 051201
Item# 30111

Developed specifically for the food industry, GENE-UP is a real-time PCR-based solution that delivers results in under an hour, and VIDAS is an automated immunoassay platform with an extremely simplified workflow providing next-day results.

- Ready-to-use reagents minimize sample prep time
- User-friendly interface for efficient and effective testing
- Globally recognized by validation bodies including AOAC and AFNOR
- Range of validated protocols for 22-26 hours with GENE-UP
- Variety of validated protocols for 48+/-4hrs with VIDAS
- Standard atmospheric conditions for 42°C protocols

CAMPYFOOD® AGAR (CFA)

Selective isolation and enumeration medium for *Campylobacter* species, particularly *C. jejuni* and *C. coli*.

- Easy to use and quick reading
- Optimal selectivity, synergy with CFB enrichment broths (item #42642, 42643) - limits interfering flora



CAMPYFOOD Agar Method (CFA)
AOAC PTM 071201
Item# 43471



Detect. Predict. Prevent.

Ensure data security, easy maintenance resolution, and traceable record keeping with the bioMérieux set of data management tools, all from wherever you are at the moment.

VILINK®

Predict and Protect: VILINK keeps your laboratory working via an intelligent instrument management system. Rapid and accurate diagnosis allowing quick maintenance and resolution of instrument issues to prevent major setback with nutraceutical testing, all of which can be done remotely.

- **Ensure continuous testing operations**
- **Troubleshooting and diagnostics**
- **Service instruments easily, contact-free, and outside of running/usage hours**

CONNECT-UP™

Centralized and digitized data management, there to reinforce quality and secure your data. Ultimately, CONNECT-UP increases productivity & traceability with more reliable decisions being made during product release workflows.

- **Enhances laboratory quality management**
- **Improve data integrity & profitability**
- **Reduce human error to be Audit-Ready**

ENVIROMAP®

ENVIROMAP brings a suite of digital tools to enhance your Environmental Monitoring Program with digital, traceable, actionable data to improve your operation. Making decisions in real-time can help protect your brand, increase your efficiencies, and maximize your profits.

- **Data driven decisions - prescriptive corrective actions**
- **Result mapping**
- **Real-Time Out-Of-Spec Notifications**
- **Full Traceability**