

# Appendix B: Provincial Case Definitions for Diseases of Public Health Significance

**Disease:** *Campylobacter* enteritis

Effective: February 2019

# ***Campylobacter* enteritis**

## **1.0 Provincial Reporting**

Confirmed and probable cases of disease

## **2.0 Type of Surveillance**

Case-by-case

## **3.0 Case Classification**

### **3.1 Confirmed Case**

Laboratory confirmation of *Campylobacter* spp. with or without clinically compatible signs and symptoms:

- Isolation of *Campylobacter* spp. by culture from an appropriate clinical specimen (e.g. stool, urine, body fluids)

### **3.2 Probable Case**

- Clinically compatible signs and symptoms in a person with an epidemiologic link to a laboratory-confirmed case

**OR**

- Positive/detection of *Campylobacter* spp. by a nucleic acid amplification test (NAAT)
- Laboratory Evidence

### **3.3 Laboratory Confirmation**

The following will constitute a confirmed case of Campylobacteriosis:

- Positive culture for *Campylobacter* spp.

### **3.4 Approved/Validated Tests**

- Standard culture for *Campylobacter* spp.
- Nucleic acid amplification test (NAAT) (which includes polymerase chain reaction (PCR) and multiplex molecular tests) for *Campylobacter* spp.

### **3.5 Indications and Limitations**

- Further strain characterization is indicated for epidemiological, public health and control purposes

## 4.0 Clinical Evidence

Clinically compatible signs and symptoms are characterized by diarrhea, abdominal pain, malaise, fever, nausea, and/or vomiting

## 5.0 ICD 10 Code(s)

A04.5 *Campylobacter* enteritis

## 6.0 Sources

Acha P, Szyfres B. Zoonoses and Communicable Diseases Common to Man and Animals. Vol. 1. 3 ed. Washington, DC: Pan American Health Organization; 2001.

Heymann DL, editor. Control of Communicable Diseases Manual. 20 ed. Washington, D.C: American Public Health Association; 2015.

Ontario Hospital Association, Ontario Medical Association. Enteric Diseases Surveillance Protocol for Ontario Hospitals. Toronto, ON: Ontario Hospital Association; 2017. Available from: <https://www.oha.com/labour-relations-and-human-resources/health-and-safety/communicable-diseases-surveillance-protocols>

Public Health Agency of Canada. Campylobacteriosis. In: Case Definitions for Communicable Diseases under National Surveillance. Canada Communicable Disease Report. 2009; 35S2.

## 7.0 Document History

Table 1: History of Revisions

Revision Date	Document Section	Description of Revisions
January 2014	General	New template. Section 9.0 Document History added.
January 2014	3.1 Confirmed Case	Addition of second bullet point: “ <b>OR</b> Detection of <i>Campylobacter</i> spp. by nucleic acid amplification testing (NAAT) from an appropriate clinical specimen (see above)”.
January 2014	4.1 Laboratory Confirmation	Addition of second bullet point: “Positive nucleic acid amplification test (NAAT) assays for <i>Campylobacter</i> spp.”.
January 2014	4.2 Approved/ Validated Tests	Addition of second bullet point: “Nucleic acid amplification test (NAAT) assays for <i>Campylobacter</i> spp.”.

Revision Date	Document Section	Description of Revisions
January 2014	4.3 Indications and Limitations	Deletion of first bullet point: "Commercial nucleic acid amplification test (NAT) assays for <i>Campylobacter</i> spp. are presently not available".
January 2014	8.0 Sources	Updated.
February 2019	General	<p>Minor revisions were made to support the regulation change to Diseases of Public Health Significance.</p> <p>Detection of <i>Campylobacter</i> spp. by nucleic acid amplification testing (NAAT) from an appropriate clinical specimen was moved from a confirmed case to probable.</p>

