

# Appendix B: Provincial Case Definitions for Reportable Diseases

Disease: *Chlamydia trachomatis* infections

## ***Chlamydia trachomatis* infections**

### **1.0 Provincial Reporting**

Confirmed cases of disease

### **2.0 Type of Surveillance**

Case-by-case

### **3.0 Case Classification**

#### **3.1 Confirmed Case**

*Chlamydia trachomatis* detected in an appropriate clinical specimen (e.g., urogenital tract, rectal specimen)

### **4.0 Laboratory Evidence**

#### **4.1 Laboratory Confirmation**

Any of the following will constitute a confirmed case of *C. trachomatis* infection:

- Positive *C. trachomatis* culture
- Positive for *C. trachomatis* nucleic acid amplification test (NAT)
- Positive for *C. trachomatis* antigen
- Positive for *C. trachomatis* IgM antibodies (for diagnosis of *C. trachomatis* pneumonia in infants <3 months of age only)

#### **4.2 Approved/Validated Tests**

- Consult with laboratory with regards to testing and appropriate specimens

#### **4.3 Indications and Limitations**

- Commercially available approved/validated tests should only be used on approved specimen types (e.g., cervical, urethral); results from non-approved specimen types would need validation
- Culture has been the preferred method for medico-legal purposes. NAT may be suitable, provided that positive results are confirmed by a different set of primers.

### **5.0 Clinical Evidence**

A clinical consultation is necessary for diagnosis

### **6.0 ICD Code(s)**

ICD 10 Code A56

### **7.0 Comments**

Conjunctivitis in infants caused by *C. trachomatis* should be reported as ophthalmia neonatorum

### **8.0 References**

- Public Health Agency of Canada. Canadian guidelines on sexually transmitted infections. Ottawa: Public Health Agency of Canada; 2008. Available from [http://www.phac-aspc.gc.ca/std-mts/sti\\_2006/pdf/Guidelines\\_Eng\\_complete\\_06-26-08.pdf](http://www.phac-aspc.gc.ca/std-mts/sti_2006/pdf/Guidelines_Eng_complete_06-26-08.pdf).

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