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

Disease: Typhoid Fever

Effective: February 2019
Typhoid Fever Disease

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 infection with or without clinically compatible signs and symptoms:
- Isolation of *Salmonella* Typhi (S. Typhi) from an appropriate clinical specimen (e.g., sterile site, stool, urine, bone marrow)

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

4.0 Laboratory Evidence

4.1 Laboratory Confirmation
The following will constitute a confirmed case of typhoid fever:
- Positive S. Typhi culture

4.2 Approved/Validated Tests
- Standard culture for S. Typhi
- Serotyping for O, H and Vi antigens

4.3 Indications and Limitations
Further strain typing (e.g. serotype, phage typing, PFGE) is conducted, as appropriate, and may be used to support linkage of cases.
5.0 Clinical Evidence
Clinically compatible signs and symptoms are characterized by insidious onset of sustained fever, headache, malaise, anorexia, relative bradycardia, constipation, or diarrhea.

6.0 ICD 10 Code(s)
A01.0 Typhoid fever

7.0 Sources


8.0 Document History

Table 1: History of Revisions

<table>
<thead>
<tr>
<th>Revision Date</th>
<th>Document Section</th>
<th>Description of Revisions</th>
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<tbody>
<tr>
<td>March 2017</td>
<td>General</td>
<td>New Template</td>
</tr>
<tr>
<td>March 2017</td>
<td>8.0 Sources</td>
<td>Updated</td>
</tr>
<tr>
<td>March 2017</td>
<td>9.0 Document History</td>
<td>Updated</td>
</tr>
<tr>
<td>February 2019</td>
<td>General</td>
<td>Minor revisions were made to support the regulation change to Diseases of Public Health Significance.</td>
</tr>
<tr>
<td>February 2019</td>
<td>3.2 Probable Case</td>
<td>Removal of “OR Positive Nucleic Acid Amplification Test (NAAT) for Salmonella Typhi without culture confirmation”.</td>
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<tr>
<td>February 2019</td>
<td>4.2 Approved/ Validated Tests</td>
<td>Removal of third bullet “NAAT for S.Typhi”.</td>
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