

Appendix B: Provincial Case Definitions for Reportable Diseases

Disease: Hepatitis B

Hepatitis B

1.0 Provincial Reporting

Confirmed acute cases of disease

2.0 Type of Surveillance

Case-by-case

3.0 Case Classification

3.1 Confirmed Case (Acute Case)

Laboratory confirmation of infection:

- Detection of Hepatitis B surface antigen (HBsAg)-and Immunoglobulin M (IgM) antibody to Hepatitis B core antigen (anti-HBc)
OR
- Loss of HBsAg over 6 months in the context of a compatible clinical history or probable exposure

3.2 Probable Case (Acute Case)

- Acute clinically compatible signs and symptoms in a person with an epidemiologic link to a laboratory-confirmed case
OR
- Acute clinically compatible signs and symptoms and detection of HBsAg (and anti-Hepatitis A virus [HAV] and Hepatitis C virus [HCV] negative) when the test for IgM antibody to anti-HBc is not available

4.0 Laboratory Evidence

4.1 Laboratory Confirmation

Any of the following will constitute a confirmed case of Hepatitis B:

Positive for HBsAg confirmed by one or more of the following:

- Positive anti-HBc Immunoglobulin G (IgG)/IgM
- Neutralization of HBsAg with anti-HBs
- Positive for Hepatitis B virus (HBV) deoxyribonucleic acid (DNA)

4.2 Approved/Validated Tests

- HBV test for HBsAg
- HBV test for anti-HBc IgG/IgM
- Nucleic acid amplification test (NAT) or hybridization tests for HBV DNA

4.3 Indications and Limitations

- N/A

5.0 Clinical Evidence

A clinical consultation is necessary for diagnosis

6.0 ICD Code(s)

ICD 10 Code B16

7.0 Comments

N/A

8.0 References

- National Notifiable Diseases Surveillance System. Case Definitions. [Internet]. Hepatitis B, Acute; 2000. Atlanta, GA: Centers for Disease Control and Prevention (CDC); 2008. [cited 2009 Feb 12]. Available from <http://www.cdc.gov/ncphi/diss/nndss/casedef/hepatitisb2000.htm>.
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