|  |  |
| --- | --- |
| Communicable Diseases Network Australia logo | Legionellosis  Australian national notifiable diseases case definition |

This document contains the surveillance case definition for legionellosis, which is nationally notifiable within Australia. State and territory health departments use this definition to decide whether to notify the Australian Government Department of Health and Aged Care of a case.

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Status | Last reviewed | Implementation date |
| 1.0 | Initial CDNA case definition | 2004 | 2004 |

Reporting

Both **confirmed cases** and **probable cases** should be notified.

Confirmed case

A **confirmed case** requires **laboratory definitive evidence** AND **clinical evidence**.

Laboratory definitive evidence

Isolation of *Legionella*  
  
OR  
  
Detection of Legionella urinary antigen  
  
OR  
  
Seroconversion or a significant increase in antibody level or a fourfold or greater rise in titre to *Legionella*.

Clinical evidence for confirmed cases

Fever  
  
OR  
  
Cough  
  
OR  
  
Pneumonia

Probable case

A **probable case** requires **laboratory suggestive evidence** AND **clinical evidence**.

Laboratory suggestive evidence

Single high antibody titre to *Legionella*  
  
OR  
  
Detection of *Legionella* by nucleic acid testing  
  
OR  
  
Detection of *Legionella* by direct fluorescence assay.

Clinical evidence for probable cases

Fever AND Cough  
  
OR  
  
Pneumonia