



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