



Chikungunya virus infection

Australian national notifiable diseases case definition

This document contains the surveillance case definition for chikungunya virus infection, 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	CDWG 4 November 2009	1 July 2010

Reporting

Only **confirmed cases** should be notified.

Confirmed case

A confirmed case requires **laboratory definitive evidence**

Laboratory definitive evidence

1. Isolation of chikungunya virus

OR

2. Detection of chikungunya virus by nucleic acid testing

OR

3. Seroconversion or a significant rise in antibody level or a fourfold or greater rise in titre to chikungunya virus, in the absence of a corresponding change in antibody levels to Ross River virus and Barmah Forest virus

OR

4. Detection of chikungunya virus-specific IgM, in the absence of IgM to Ross River virus and Barmah Forest virus

Confirmation of laboratory results by a second arbovirus reference laboratory is required in the absence of travel history to areas with known endemic or epidemic activity.