

V1.0 CHIKUNGUNYA VIRUS INFECTION

Version	Status	Last reviewed	Endorsement date	Implementation date
1.0	Initial CDNA case definition	CDWG 4 November 2009	CDNA 12 May 2010	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.