



**MINISTRY OF HEALTH
MALAYSIA**

CASE DEFINITION OF INFLUENZA A (H1N1) VIRUS

The purpose of using a more sensitive case definition is for notification and early implementation of planned local response.

Clinical case description:

Acute febrile respiratory illness (fever ≥ 38 °C) with the spectrum of disease from influenza-like illness to pneumonia.

- i. **A Case Under Investigation** of Influenza A (H1N1) virus infection is defined as an individual after 17th of April 2009, presenting with:
- high fever $\geq 38^{\circ}\text{C}$, **AND**
 - One or more of the following respiratory symptoms: cough, shortness of breath, body ache, difficulty in breathing, **AND**
 - One or more of the following: close contact* with a person diagnosed as Influenza A (H1N1) **or** recent travel to an area with reported foci of transmission of Influenza A (H1N1) **.

*Close contact means having cared for, lived with, or having had direct contact with respiratory secretions or body fluids of a person with Influenza A (H1N1).

**Areas in which there are reported foci of transmission of Influenza A (H1N1) are updated on the WHO website <http://www.who.int/csr/don/en/>

- ii. **A probable case** of Influenza A (H1N1) virus infection is defined as an individual that fulfill the criteria for a suspected case, with an influenza test that is positive for influenza A, but is unsubtypeable by reagents used to detect seasonal influenza virus infection

OR

An individual with a clinically compatible illness or who died of an unexplained acute respiratory illness who is considered to be epidemiologically linked to a probable or confirmed case.

- iii. **A confirmed case** of Influenza A (H1N1) virus infection is defined as an individual with laboratory confirmed Influenza A (H1N1) virus infection by one or more of the following tests*:
- real-time RT-PCR
 - viral culture
 - four-fold rise in Influenza A (H1N1) virus specific neutralizing antibodies

*Note: The test(s) should be performed according to the most currently available guidance on testing.

Prepared by:

**Crisis Preparedness and Response Centre
Ministry of Health Malaysia**

4 May 2009