



ISSN 1173-1680 (Print)  
ISSN 1179-903X (Online)



## VIROLOGY WEEKLY REPORT

2011/17 04 May 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 25/04/2011 - 01/05/2011

### PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

|                                   | Regions reporting Virus Identification |         |            |              | TOTAL |
|-----------------------------------|--|---------|------------|--------------|-------|
|                                   | Auckland                               | Waikato | Wellington | Christchurch |       |
| Influenza A                       | 1                                      |         |            |              | 1     |
| Influenza A H1N1 swl              |  |         |            | 2            | 2     |
| Influenza B                       | 1                                      |         |            |              | 1     |
| Human Metapneumovirus             |  |         |            | 1            | 1     |
| Mycoplasma pneumoniae             |  |         | 1          | 1            | 2     |
| Parvovirus                        |  |         |            | 1            | 1     |
| Respiratory Syncytial Virus (RSV) | 2                                      |         | 1          |              | 3     |
| Rhinovirus                        |  |         | 1          | 11           | 12    |
| Varicella Zoster Virus (VZV)      | 3                                      | 5       | 2          | 5            | 15    |
| Adenovirus                        | 3                                      | 1       |            | 1            | 5     |
| Enterovirus                       | 3                                      | 1       | 2          |              | 6     |
| Measles                           | 4                                      |         |            |              | 4     |

### TYPING AND IDENTIFICATIONS FOR VIRUSES WITH PUBLIC HEALTH IMPORTANCE (ESR and others)

| Virus      | Type/subtype | ID Method | Health district | Specimen Type/site | Date Specimen taken | Age/sex | Clinical data                    |
|------------|--------------|-----------|-----------------|--------------------|---------------------|---------|----------------------------------|
| Adenovirus | Type 5       | Seq       | CA              | NPA                | 03.3.2011           | 1 Y/M   |                                  |
| Measles    |              | PCR       | CA              | Throat             | 28.4.2011           | 34 Y/F  | Measles contact, now symptomatic |
| Measles    |              | PCR       | CA              | Swab               | 26.4.2011           | 1 Y/F   |                                  |
| Measles    |              | PCR       | CA              | NPA                | 22.4.2011           | 1 Y/M   |                                  |
| Measles    |              | IgM       | CA              | Serum              | 29.4.2011           | 1 Y/M   | Clinical Measles                 |
| Measles    | Genotype D8  | Seq       | CA              | Throat             | 20.4.2011           | 34 Y/M  |                                  |

CA: Central Auckland

PCR Polymerase Chain Reaction  
IgM Positive IgM ELISA

NPA Nasopharyngeal Aspirate  
Seq PCR sequencing

Data provided by Virology Laboratories of Auckland, Waikato, Christchurch Hospitals, Microbiology Laboratory of Wellington Hospital and Middlemore Hospital and ESR.

Edited by: Wendy Gunn and Judy Bocacao, Clinical Virology, Reference Laboratory, Health Program

Institute of Environmental Science & Research Limited  
ESR NCBIID - Wallaceville  
66 Ward Street, PO Box 40-158, Wallaceville, Upper Hutt, New Zealand  
Telephone: +64 4 529 0600, Facsimile: +64 4 5299 0601

A CROWN RESEARCH  
INSTITUTE