

# VIROLOGY WEEKLY REPORT

2015/17 07 May 2015

A summary of laboratory-diagnosed viral infections of interest for the week of 20/04/2015 - 26/04/2015

## PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

|                                   | Regions Reporting Virus Identification |         |            |              | TOTAL |
|-----------------------------------|--|---------|------------|--------------|-------|
|                                   | Auckland                               | Waikato | Wellington | Christchurch |       |
| Influenza A                       |  |         | 1          |              | 1     |
| Influenza A H1N1pdm09             |  |         | 1          |              | 1     |
| Influenza A H3N2                  | 1                                      |         | 1          | 7            | 9     |
| Influenza B                       | 1                                      |         | 1          |              | 2     |
| Mycoplasma pneumoniae             |  | 1       | 4          | 1            | 6     |
| Parainfluenza 1                   | 1                                      |         |            |              | 1     |
| Parainfluenza 2                   |  | 2       |            |              | 2     |
| Parainfluenza 3                   |  |         |            | 1            | 1     |
| Picornavirus                      | 8                                      |         |            |              | 8     |
| Respiratory Syncytial Virus (RSV) | 11                                     | 7       | 11         | 5            | 34    |
| Rhinovirus                        | 11                                     |         | 2          | 4            | 17    |
| Rotavirus                         | 3                                      |         |            |              | 3     |
| Varicella Zoster Virus (VZV)      | 17                                     | 2       | 1          | 10           | 30    |
| Adenovirus                        | 8                                      | 4       | 2          | 7            | 21    |
| Enterovirus                       | 9                                      |         | 5          |              | 14    |
| Measles                           |  |         |            | 1            | 1     |

## 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 |
|-------------|-------------------------------|-----------|-----------------|----------------------|---------------------|----------|---------------|
| Enterovirus | Coxsackievirus Group A type 6 | Seq       | GS              | Swab                 | 04.3.2015           | 1Y/M     | Rash          |
| Enterovirus | Coxsackievirus Group B type 5 | Seq       | SA              | CSF                  | 16.3.2015           | 70Y/M    |               |
| Enterovirus | Coxsackievirus Group B type 5 | Seq       | SA              | Faeces               | 22.3.2015           | 1M/M     | Fever, rash   |
| Influenza A | A/California/7/2009 (H1N1)    | HAI       | NW              | NPS                  | 19.3.2015           | 67Y/M    |               |
| Influenza A | A/Texas/50/2012 (H3N2)        | HAI       | SA              | NPS                  | 18.3.2015           | 45Y/M    |               |
| Influenza B | B/Massachusetts/02/2012       | HAI       | SA              | NPS                  | 05.4.2015           | 47Y/M    |               |
| Measles     |                               | IgM       | CB              | Serum                | 19.4.2015           | 1Y/M     |               |

### KEY:

CB Canterbury      GS Gisborne      NW North West Auckland      SA South Auckland  
 PCR Polymerase Chain Reaction      NPA Nasopharyngeal Aspirate      NPS Nasopharyngeal Swab      IgM Positive IgM ELISA  
 HAI Haemagglutination Inhibition test      CSF Cerebrospinal Fluid      Seq PCR sequencing

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

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