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## VIROLOGY WEEKLY REPORT

2014/14 14 April 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 31/03/2014 - 06/04/2014

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

|                                   | Laboratories reporting Virus Identification |             |                 |                  | TOTAL |
|-----------------------------------|---|-------------|-----------------|------------------|-------|
|                                   | Auckland labs                               | Waikato lab | Wellington labs | Christchurch lab |       |
| Influenza A                       | 1   | 5           |                 |                  | 6     |
| Influenza A H1N1 swl              |   |             |                 | 14               | 14    |
| Influenza B                       |   |             |                 | 1                | 1     |
| Mycoplasma Pneumoniae             |   |             |                 | 2                | 2     |
| Parainfluenza 1                   | 1   |             | 1               | 1                | 3     |
| Parainfluenza 2                   | 1   |             |                 |                  | 1     |
| Parainfluenza 3                   | 2   |             |                 |                  | 2     |
| Parechovirus                      |   |             |                 | 2                | 2     |
| Respiratory Syncytial Virus (RSV) | 1   | 1           | 1               | 2                | 5     |
| Rhinovirus                        | 8   |             | 1               | 17               | 26    |
| Rotavirus                         | 3   |             |                 |                  | 3     |
| Varicella Zoster Virus (VZV)      | 3   | 3           | 4               | 4                | 14    |
| Adenovirus                        | 8   | 3           |                 | 1                | 12    |
| Enterovirus                       | 7   | 1           |                 |                  | 8     |
| Measles                           | 7   |             |                 |                  | 7     |
| Mumps                             | 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  |
|-------------|--------------------------------|-----------|-----------------|--------------------|---------------------|---------|----------------|
| Adenovirus  | Type 3                         | Neut      | CA              | Eye swab           | 24.3.2014           | 46Y/F   | Conjunctivitis |
| Adenovirus  | Type 8                         | Neut      | CA              | Eye swab           | 11.3.2014           | 31Y/F   | Conjunctivitis |
| Enterovirus | Coxsackievirus Group A type 24 | IF        | CA              | Eye swab           | 26.3.2014           | U/M     |                |
| Enterovirus | Coxsackievirus Group A type 24 | IF        | CA              | Eye swab           | 26.3.2014           | U/F     |                |
| Enterovirus | Coxsackievirus Group A type 24 | IF        | CA              | Eye swab           | 26.3.2014           | U/M     |                |
| Enterovirus | Coxsackievirus Group A type 24 | IF        | CA              | Eye swab           | 26.3.2014           | U/F     |                |
| Enterovirus | Coxsackievirus Group A type 24 | IF        | CA              | Eye swab           | 26.3.2014           | U/M     |                |
| Enterovirus | Coxsackievirus Group A type 24 | IF        | CA              | Eye swab           | 26.3.2014           | 29Y/M   |                |
| Measles     |                                | IgM       | CA              | Serum              | 27.3.2014           | 3Y/F    |                |
| Measles     |                                | IgM       | CA              | Serum              | 30.3.2014           | 1Y/F    |                |
| Measles     |                                | PCR       | CA              | Throat             | 28.3.2014           | 16Y/F   |                |
| Measles     |                                | PCR       | CA              | NPA                | 30.3.2014           | 6M/M    |                |
| Measles     |                                | PCR       | CA              | Throat             | 31.3.2014           | 15Y/M   |                |
| Measles     |                                | PCR       | CA              | Throat             | 31.3.2014           | 15Y/F   |                |
| Measles     |                                | PCR       | CA              | Throat             | 03.4.2014           | 21Y/M   |                |
| Mumps       |                                | IgM       | CA              | Serum              | 27.3.2014           | 18Y/F   |                |

CA: Central Auckland

Neut Neutralisation test  
PCR Polymerase Chain Reaction  
IgM Positive IgM ELISA  
IF Immunofluorescence test  
NPA Nasopharyngeal Aspirate

Data provided by Auckland labs (Labplus - Virology and Middlemore Hospital - Microbiology), Waikato Virology lab, Canterbury Health-Virology lab and Wellington labs (Wellington Hospital- Microbiology Lab and ESR).

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