

# VIROLOGY WEEKLY REPORT

2015/18 11 May 2015

A summary of laboratory-diagnosed viral infections of interest for the week of 27/04/2015 - 03/05/2015

## PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

|                                   | Regions Reporting Virus Identification |         |            |              | TOTAL |
|-----------------------------------|--|---------|------------|--------------|-------|
|                                   | Auckland                               | Waikato | Wellington | Christchurch |       |
| Influenza A                       |  | 1       | 1          |              | 2     |
| Influenza A H3N2                  |  |         | 1          | 4            | 5     |
| Influenza B                       | 1                                      |         | 1          |              | 2     |
| Bocavirus                         |  |         |            | 2            | 2     |
| Metapneumovirus                   | 2                                      |         |            |              | 2     |
| Mycoplasma pneumoniae             |  | 2       |            |              | 2     |
| Parainfluenza 2                   |  |         | 1          | 1            | 2     |
| Parainfluenza 3                   | 1                                      |         |            | 1            | 2     |
| Picornavirus                      | 15                                     |         |            |              | 15    |
| Respiratory Syncytial Virus (RSV) | 11                                     | 3       | 5          | 3            | 22    |
| Rhinovirus                        | 9                                      |         | 4          | 4            | 17    |
| Rotavirus                         | 1                                      |         |            |              | 1     |
| Varicella Zoster Virus (VZV)      | 16                                     | 2       | 3          | 5            | 26    |
| Adenovirus                        | 12                                     | 1       | 3          | 2            | 18    |
| Enterovirus                       | 1                                      | 2       | 2          |              | 5     |

## 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 1         | Seq       | SA              | NPA                  | 25.3.2015           | 7M/M     |                          |
| Adenovirus | Type 3         | Seq       | WK              | Throat               | 09.4.2015           | 5Y/M     | Fever, cough, runny nose |
| Adenovirus | Type 3         | Seq       | SA              | NPS                  | 17.3.2015           | 3Y/F     |                          |
| Adenovirus | Type 7         | Seq       | SA              | NPA                  | 23.3.2015           | 10M/M    |                          |
| Adenovirus | Type 7         | Seq       | SA              | NPA                  | 26.3.2015           | 5M/F     |                          |
| Adenovirus | Type 7         | Seq       | SA              | NPA                  | 01.4.2015           | 3Y/F     |                          |
| Adenovirus | Type 7         | Seq       | SA              | NPA                  | 31.3.2015           | 5M/M     |                          |
| Adenovirus | Type 7         | Seq       | WK              | Nasal                | 28.3.2015           | 8M/M     | Fever                    |
| Adenovirus | Type 7         | Seq       | WK              | Eye                  | 02.4.2015           | 34Y/F    | NCD                      |
| Adenovirus | Type 7         | Seq       | WK              | NPS, Nasal           | 05.4.2015           | 1Y/F     | SOB                      |
| Adenovirus | Type 7         | Seq       | SA              | NPA                  | 24.3.2015           | 3M/M     |                          |
| Adenovirus | Type 22        | Seq       | OT              | Eye                  | 09.4.2015           | 23Y/M    |                          |
| Adenovirus | Type 37        | Seq       | WK              | Eye                  | 30.3.2015           | 45Y/M    | Conjunctivitis           |
| Adenovirus | Type 37        | Seq       | OT              | Eye                  | 14.4.2015           | 8Y/M     |                          |

### KEY:

 CA Central Auckland      OT Otago      SA South Auckland      WK Waikato  
 NPA Nasopharyngeal Aspirate      NPS Nasopharyngeal Swab      Seq PCR sequencing

NOTE: During April to September 2015, sentinel as well as hospital surveillance for influenza is conducted. For detailed information on consultation rates and viral isolations, please refer to "Influenza Weekly Update" report which can be viewed at [http://www.surv.esr.cri.nz/virology/influenza\\_weekly\\_update.php](http://www.surv.esr.cri.nz/virology/influenza_weekly_update.php)  
 The Virology Weekly reporting only records numbers of influenza viral isolations from sentinel and hospital surveillance. This report is also available at [http://www.surv.esr.cri.nz/virology/virology\\_weekly\\_report.php](http://www.surv.esr.cri.nz/virology/virology_weekly_report.php)

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

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