



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2008/39 03 October 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 22/09/2008 - 28/09/2008

## VIROLOGY INFECTIONS REPORTED THIS WEEK

|                                   | Virus Laboratory |         |     |            |              | TOTAL |
|-----------------------------------|------------------|---------|-----|------------|--------------|-------|
|                                   | Auckland         | Waikato | ESR | Wellington | Christchurch |       |
| Influenza A                       |                  |         |     |            | 1            | 1     |
| Influenza B                       | 1                | 1       | 14  |            | 6            | 22    |
| Mycoplasma Pneumoniae             |                  |         |     |            | 1            | 1     |
| Parainfluenza 3                   | 9                |         |     |            | 2            | 11    |
| Respiratory Syncytial Virus (RSV) | 10               | 6       |     | 3          | 11           | 30    |
| Rhinovirus                        |                  | 1       |     |            |              | 1     |
| Rotavirus                         | 3                |         |     | 1          |              | 4     |
| Varicella Zoster Virus (VZV)      |                  | 2       |     |            | 9            | 11    |
| Adenovirus                        | 8                | 1       |     |            | 1            | 10    |
| Enterovirus                       |                  | 2       |     | 1          |              | 3     |

**VIRUS ISOLATIONS AND IDENTIFICATIONS WITH DETAILS**

| <b>Virus</b> | <b>Type/<br/>subtype</b> | <b>ID<br/>Method</b> | <b>Health<br/>district</b> | <b>Specimen<br/>Type/site</b> | <b>Date Specimen<br/>taken</b> | <b>Age/<br/>sex</b> | <b>Clinical data</b>  |
|--------------|--------------------------|----------------------|----------------------------|-------------------------------|--------------------------------|---------------------|-----------------------|
| Adenovirus   | Type 1                   | IF                   | SA                         | NPA                           | 21.8.2008                      | 9M/F                |                       |
| Adenovirus   | Type 1                   | IF                   | SA                         | NPA                           | 19.8.2008                      | 10M/M               |                       |
| Adenovirus   | Type 1                   | IF                   | SA                         | NPA                           | 26.8.2008                      | 5M/F                |                       |
| Adenovirus   | Type 1                   | IF                   | CA                         | NPA                           | 20.8.2008                      | 9M/M                |                       |
| Adenovirus   | Type 2                   | Neut, PCR            | CA                         | NPA                           | 11.2.2008                      | 6 M/M               | Unknown               |
| Adenovirus   | Type 2                   | IF                   | SA                         | NPA                           | 10.8.2008                      | 6M/M                |                       |
| Adenovirus   | Type 3                   | Neut, PCR            | CB                         | BAL                           | 22.5.2008                      | 56 Y/F              |                       |
| Adenovirus   | Type 5                   | IF                   | SA                         | NPA                           | 10.8.2008                      | 7M/M                |                       |
| Adenovirus   | Type 5                   | IF                   | SA                         | NPA                           | 19.8.2008                      | 6M/M                |                       |
| Adenovirus   | Type 8                   | Neut, PCR            | WK                         | Eye                           | 11.9.2007                      | 28 Y/F              | Conjunctivitis        |
| Adenovirus   | Type 8                   | Neut, PCR            | WK                         | Eye                           | 11.4.2008                      | 43 Y/F              | Unknown               |
| Adenovirus   | Type 8                   | Neut, PCR            | WK                         | Eye                           | 08.4.2008                      | 51 Y/M              | Conjunctivitis        |
| Adenovirus   | Type 8                   | Neut, PCR            | WK                         | Eye                           | 08.4.2008                      | 69 Y/F              | Conjunctivitis        |
| Adenovirus   | Type 8                   | Neut, PCR            | WK                         | Eye                           | 08.4.2008                      | 61 Y/M              | Conjunctivitis        |
| Adenovirus   | Type 8                   | Neut, PCR            | WK                         | Eye                           | 07.4.2008                      | 9 Y/F               | Conjunctivitis        |
| Adenovirus   | Type 8                   | Neut, PCR            | WK                         | Eye                           | 07.4.2008                      | 17 Y/F              | Conjunctivitis        |
| Adenovirus   | Type 8                   | Neut, PCR            | CA                         | Eye                           | 25.2.2008                      | 8 Y/F               | Red eye               |
| Adenovirus   | Type 8                   | Neut, PCR            | WK                         | Eye                           | 01.5.2008                      | 50 Y/M              | Severe conjunctivitis |
| Adenovirus   | Type 8                   | Neut, PCR            | WK                         | Eye                           | 24.4.2008                      | 20 Y/M              |                       |
| Adenovirus   | Type 8                   | Neut, PCR            | CB                         | NPA                           | 21.5.2008                      | 15M/M               |                       |
| Adenovirus   | Type 8                   | Neut, PCR            | WK                         | Eye                           | 30.5.2008                      | 59 Y/M              | Conjunctivitis        |
| Adenovirus   | Type 8                   | IF, Neut, PCR        | WN                         | Faeces                        | 24.5.2008                      | 11 Y/M              |                       |
| Adenovirus   | Type 8                   | Neut, PCR            | WK                         | Eye                           | 05.6.2008                      | 29 Y/M              | Conjunctivitis        |
| Adenovirus   | Type 8                   | Neut, PCR            | WK                         | Eye                           | 26.5.2008                      | 89 Y/M              |                       |
| Adenovirus   | Type 8                   | IF                   | CA                         | Right Eye                     | 17.8.2008                      | 24Y/F               |                       |
| Adenovirus   | Type 8                   | Neut, PCR            | CB                         | Eye                           | 18.5.2008                      | 44 Y/M              |                       |

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

Neut Neutralisation test IF Immunofluoresence test NPA Nasopharyngeal Aspirate BAL Bronchoalveolar lavage

NOTE: During May to September 2008, 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).

Thank you to all who have participated in this years Influenza Surveillance network. Please note that the Influenza Surveillance is now finished (as at 30 September). Could all participating practices please send their empty ESR Biobottles, unused courier tickets, and out of date VTM back to ESR by the end of October.

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

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