



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2007/3 25 January 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 15/01/2007 - 21/01/2007

## VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

|                              | Virus Laboratory |         |     |            |              |         | TOTAL |
|------------------------------|------------------|---------|-----|------------|--------------|---------|-------|
|                              | Auckland         | Waikato | ESR | Wellington | Christchurch | Dunedin |       |
| Mycoplasma Pneumoniae        |                  | 1       |     |            | 1            |         | 2     |
| Rotavirus                    | 1                |         |     |            | 9            |         | 10    |
| Varicella Zoster Virus (VZV) | 3                | 3       |     | 2          | 10           |         | 18    |
| Adenovirus                   | 5                | 1       |     |            |              |         | 6     |
| Enterovirus                  |                  | 1       |     |            |              |         | 1     |

## VIRUS ISOLATIONS AND IDENTIFICATIONS WITH DETAILS

| Virus      | Type/subtype | ID Method | Health district | Specimen Type/site | Date Specimen taken | Age/sex | Clinical data       |
|------------|--------------|-----------|-----------------|--------------------|---------------------|---------|---------------------|
| Adenovirus | Type 2       | Neut      | CA              | NPA                | 23.6.2006           | 4 M/F   | Bronchiolitis       |
| Adenovirus | Type 3       | Neut      | WK              | Eye swab           | 27.12.2006          | 1 Y/F   |                     |
| Adenovirus | Type 3       | Neut      | WK              | Throat swab        | 17.12.2006          | 38 Y/F  | Sore Throat         |
| Adenovirus | Type 3       | Neut      | WK              | Eye swab           | 15.12.2006          | 31 Y/M  | Redness / Discharge |
| Adenovirus | Type 3       | Neut      | CB              | Faeces             | 14.12.2006          | 5 Y/M   | Fever               |
| Adenovirus | Type 3       | Neut      | CA              | Eye swab           | 18.11.2006          | 45 Y/F  | Conjunctivitis      |
| Adenovirus | Type 3       | Neut      | CA              | Eye swab           | 17.11.2006          | 6 Y/M   | Unknown             |
| Adenovirus | Type 8       | Neut      | CB              | Not specified      | 04.12.2006          | 24 Y/M  |                     |
| Adenovirus | Type 8       | Neut      | CA              | Eye swab           | 19.11.2006          | 11 Y/F  | Conjunctivitis      |
| Adenovirus | Untypable    | Neut      | WK              | Eye swab           | 23.8.2006           | 23 Y/F  | Red Eye             |

CA: Central Auckland

CB: Canterbury

WK: Waikato

|        |                                 |     |                                   |
|--------|---------------------------------|-----|-----------------------------------|
| Neut   | Neutralisation test             | IF  | Immunofluorescence test           |
| PCR    | Polymerase Chain Reaction (DNA) | NPA | Nasopharyngeal Aspirate           |
| RT-PCR | Polymerase Chain Reaction (RNA) | NPS | Nasopharyngeal Swab               |
| IgM    | Positive IgM ELISA              | HAI | Haemagglutination Inhibition test |
| IgG    | IgG seroconversion              | CFT | Complement Fixation Test          |
| ITD    | Intratyptic differentiation     | CSF | Cerebrospinal Fluid               |

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

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