



ISSN: 1173-1680



## VIROLOGY WEEKLY REPORT

2004/19 13 May 2004

A summary of laboratory-diagnosed viral infections of interest for the week of 03 – 09 May 2004.

### VIRAL INFECTIONS REPORTED THIS WEEK

|                                   | Virus Laboratory |         |     |            |              |         | TOTAL |
|-----------------------------------|------------------|---------|-----|------------|--------------|---------|-------|
|                                   | Auckland         | Waikato | ESR | Wellington | Christchurch | Dunedin |       |
| Varicella Zoster Virus (VZV)      | 3                | 4       |     |            | 6            |         | 13    |
| Rotavirus                         |                  | 1       |     |            | 1            |         | 2     |
| Rhinovirus                        | 2                |         |     |            |              |         | 2     |
| Respiratory Syncytial Virus (RSV) | 2                |         |     |            |              |         | 2     |
| Mycoplasma Pneumoniae             |                  |         |     |            | 1            |         | 1     |
| Adenoviruses                      | 2                | 2       |     |            |              | 2       | 6     |
| Enteroviruses                     | 1                | 1       |     |            |              |         | 2     |
| Mumps                             |                  |         |     |            | 1            |         | 1     |
| Parainfluenza 1                   |                  | 1       |     |            |              |         | 1     |

## VIRUS ISOLATIONS AND IDENTIFICATIONS WITH DETAILS

| Virus       | Type/<br>subtype            | ID<br>Method    | Health<br>district | Specimen<br>Type/site      | Date Specimen<br>taken | Age/<br>Sex | Clinical data   |
|-------------|-----------------------------|-----------------|--------------------|----------------------------|------------------------|-------------|---|
| Adenovirus  | Type 2                      | IF, Neut        | WK                 | Throat swab                | 18.4.2004              | 1y/M        | -   |
| Adenovirus  | Type 4                      | Neut            | SA                 | Eye swab                   | 19.4.2004              | 12y/F       | Conjunctivitis,<br>Febrile, faint                             |
| Adenovirus  | Type 5                      | Neut            | GS                 | Nasopharyngeal<br>aspirate | 07.4.2004              | 6m/F        | Bronchiolitis   |
| Enterovirus | Coxsackie A virus<br>Type 9 | IF, Neut        | WK                 | Throat swab                | 14.4.2004              | 6y/M        | ?EBV  |
| Enterovirus | Echovirus type 11           | IF, Neut        | WK                 | CSF                        | 08.4.2004              | 22y/M       | -   |
| Enterovirus | Type 71                     | IF, PCR         | CA                 | Hallux swab                | 05.4.2004              | 32y/F       | Vesicular eruption  |
| Enterovirus | Type 71                     | IF, PCR         | CA                 | Tongue Ulcer               | 25.3.2004              | 3y/F        | -   |
| Enterovirus | Type 71                     | IF, PCR         | CA                 | Foot swab                  | 15.3.2004              | 4y/F        | -   |
| Enterovirus | Type 71                     | IF, PCR         | CA                 | Cheek swab                 | 09.3.2004              | 3y/M        | Enythema &<br>Ulceration inside<br>cheek                      |
| Mumps       |                             | Serology<br>IgM | MW                 | Serum                      | 04.5.2004              | 4y/F        | Large right<br>cervical<br>lymphadenopathy<br>axillary glands |

CA: Central Auckland

GS: Gisborne

MW: Manawatu

SA: South Auckland

WK: Waikato

Neut Neutralisation test

IF Immunofluorescence test

IgM Positive IgM ELISA

NPA Nasopharyngeal Aspirate

NCD No clinical details given

IgG IgG seroconversion

NPS Nasopharyngeal Swab

CSF Cerebral Spinal Fluid

HAI Haemagglutination Inhibition test

NOTE: During May to September 2004, 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/php>.

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

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