



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2008/26 03 July 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 23/06/2008 - 29/06/2008

VIROLOGY INFECTIONS REPORTED THIS WEEK

| | Virus Laboratory | | | | | TOTAL |
|-----------------------------------|------------------|---------|-----|------------|--------------|-------|
| | Auckland | Waikato | ESR | Wellington | Christchurch | |
| Influenza A | 8 | 8 | 12 | | 4 | 32 |
| Influenza B | 3 | 2 | 2 | | 3 | 10 |
| Mycoplasma Pneumoniae | | | | | 2 | 2 |
| Parainfluenza 1 | 3 | | | | | 3 |
| Parainfluenza 3 | 2 | | | | | 2 |
| Respiratory Syncytial Virus (RSV) | 7 | 1 | | 1 | 1 | 10 |
| Rotavirus | | | | | 1 | 1 |
| Varicella Zoster Virus (VZV) | | 1 | | 1 | 9 | 11 |
| Adenovirus | 2 | 2 | | | 2 | 6 |
| Enterovirus | | | 1 | 1 | | 2 |

VIROLOGY ISOLATIONS AND IDENTIFICATIONS WITH DETAILS

| Virus | Type/subtype | ID Method | Health district | Specimen Type/site | Date Specimen taken | Age/sex | Clinical data |
|-------------|-------------------|-----------|-----------------|--------------------|---------------------|---------|-----------------------------------------------|
| Adenovirus | Type 1 | Neut | CA | NPA | 05.6.2008 | 12M/M | Unknown |
| Adenovirus | Type 2 | Neut | SA | NPA | 11.6.2008 | 1Y/M | Respiratory Illness, Febrile with convulsions |
| Adenovirus | Type 37 | Neut | CA | Eye Swab | 09.6.2008 | 63Y/M | Unknown |
| Enterovirus | Echovirus type 25 | IF, Neut | WN | CSF | 21.5.2008 | 22 Y/F | Headache |
| Enterovirus | Echovirus type 6 | Neut | CA | Bronchial wash | 10.6.2008 | 14M/M | Respiratory Illness, Recurrent LRTI |
| Enterovirus | Echovirus type 9 | IF, Neut | CB | Faeces | 26.5.2008 | 13 M/M | Diarrhoea, vomiting |

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WN: Wellington

| | | | |
|--------|---------------------------------|-----|-----------------------------------|
| 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 |

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. 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.

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

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