



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2006/27 13 July 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 03/07/2006 - 09/07/2006

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

| | Virus Laboratory | | | | | | TOTAL |
|-----------------------------------|------------------|---------|-----|------------|--------------|---------|-------|
| | Auckland | Waikato | ESR | Wellington | Christchurch | Dunedin | |
| Influenza A | 14 | 8 | 10 | | 9 | 2 | 43 |
| Mycoplasma Pneumoniae | | 1 | | 1 | 2 | | 4 |
| Parainfluenza 1 | 6 | | | | | | 6 |
| Respiratory Syncytial Virus (RSV) | 17 | 8 | | | 15 | 1 | 41 |
| Rotavirus | 5 | 14 | | | 2 | | 21 |
| Varicella Zoster Virus (VZV) | 1 | 1 | | 1 | 6 | | 9 |
| Adenovirus | 4 | 1 | | | | | 5 |
| Enterovirus | 2 | | | 2 | | | 4 |

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 5 | IF,Neut | NL | Faeces | 16.5.2006 | 2M/F | Unknown |

NL: Northland

| | | | |
|--------|---------------------------------|-----|-----------------------------------|
| 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 | Intratypic differentiation | CSF | Cerebrospinal Fluid |

NOTE: During April to September 2006, 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 and Dunedin Hospitals, Microbiology Laboratory of Wellington Hospital and ESR.

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