



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2007/15 19 April 2007

A summary of laboratory-diagnosed viral infections of interest for the week of 09/04/2007 - 15/04/2007

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

| | Virus Laboratory | | | | | TOTAL |
|-----------------------------------|------------------|---------|-----|------------|--------------|-------|
| | Auckland | Waikato | ESR | Wellington | Christchurch | |
| Mycoplasma Pneumoniae | | | | | 3 | 3 |
| Parainfluenza 3 | | | | | 1 | 1 |
| Respiratory Syncytial Virus (RSV) | 1 | | | | | 1 |
| Rotavirus | | | | | 2 | 2 |
| Varicella Zoster Virus (VZV) | 2 | | | | 5 | 7 |
| Adenovirus | 9 | 3 | | | 1 | 13 |
| Enterovirus | 1 | | | 1 | 1 | 3 |

In March 2007, Middlemore hospital reported 1 Rotavirus infection.

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 8 | Neut | NS | Eye Swab | 06.3.2007 | 18/F | ? Conjunctivitis |
| Adenovirus | Type 8 | Neut | SA | Eye Swab | 14.3.2007 | 39/F | Conjunctivitis |
| Adenovirus | Type 8 | Neut | CA | Eye Swab | 05.3.2007 | 28/F | Unknown |
| Adenovirus | Type 37 | Neut | CA | Eye Swab | 12.3.2007 | 56/M | Unknown |
| Adenovirus | Type 37 | Neut | CA | Eye Swab | 13.3.2007 | 37/M | Unknown |
| Adenovirus | Type 37 | Neut | CA | Eye Swab | 26.3.2007 | 36/F | Unknown |

CA: Central Auckland

SA: South Auckland

NS: North Shore

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