



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2008/8 27 February 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 18/02/2008 - 24/02/2008

VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

| | Virus Laboratory | | | | | |
|------------------------------|------------------|---------|-----|------------|--------------|-------|
| | Auckland | Waikato | ESR | Wellington | Christchurch | TOTAL |
| Mycoplasma Pneumoniae | | 1 | | | 2 | 3 |
| Rotavirus | 1 | 2 | | | | 3 |
| Varicella Zoster Virus (VZV) | 1 | 8 | | 1 | 7 | 17 |
| Adenovirus | 10 | 5 | | | 2 | 17 |
| 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 8 | Neut | CB | Not specified | 10.1.2008 | 62 Y/F | |
| Adenovirus | Type 8 | Neut | WK | Eye swab | 05.12.2007 | 45 Y/F | Unknown |
| Enterovirus | Coxsackievirus Group A type 16 | IF, Neut | CA | Mouth ulcer swab | 24.12.2007 | 2 Y/M | Unknown |
| Enterovirus | Echovirus type 6 | IF, Neut | CA | Faeces | 20.1.2008 | 20 M/F | |
| Enterovirus | Echovirus type 30 | IF, Neut | WN | CSF | 06.1.2008 | 13 Y/M | Meningitis |

CA: Central Auckland

CB: Canterbury

WK: Waikato

WN: Wellington

Neut Neutralisation test

PCR Polymerase Chain Reaction (DNA)

RT-PCR Polymerase Chain Reaction (RNA)

IgM Positive IgM ELISA

IgG IgG seroconversion

ITD Intratypic differentiation

IF Immunofluorescence test

NPA Nasopharyngeal Aspirate

NPS Nasopharyngeal Swab

HAI Haemagglutination Inhibition test

CFT Complement Fixation Test

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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