



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2006/11 22 March 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 13/03/2006 - 19/03/2006

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

| | Virus Laboratory | | | | | | TOTAL |
|------------------------------|------------------|---------|-----|------------|--------------|---------|-------|
| | Auckland | Waikato | ESR | Wellington | Christchurch | Dunedin | |
| Mycoplasma Pneumoniae | | 2 | | 3 | 6 | 1 | 12 |
| Rotavirus | | | | | 4 | | 4 |
| Varicella Zoster Virus (VZV) | 2 | 3 | | | 12 | 5 | 22 |
| Adenovirus | 2 | | | | | | 2 |
| Enterovirus | | | 1 | | | | 1 |

VIRUS ISOLATIONS AND IDENTIFICATIONS WITH DETAILS

| Virus | Type/subtype | ID Method | Health district | Specimen Type/site | Date Specimen taken | Age/sex | Clinical data |
|-------------|-------------------------------|-----------|-----------------|--------------------|---------------------|---------|---------------|
| Enterovirus | Coxsackievirus Group A type 4 | IF, Neut | CA | Mouth swab | 31.12.2005 | 8 M/F | ulcers |
| Enterovirus | Coxsackievirus Group B type 5 | IF, Neut | CB | Rectal swab | 17.2.2006 | 28 D/F | |
| Enterovirus | Enterovirus type 71 | IF, PCR | WK | Faeces | 06.2.2006 | 3 M/M | fever |

CA: Central Auckland

CB: Canterbury

WK: Waikato

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

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

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