



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2006/3 25 January 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 16/01/2006 - 22/01/2006

VIROLOGY INFECTIONS REPORTED THIS WEEK

| | Virus Laboratory | | | | | | TOTAL |
|-----------------------------------|------------------|---------|-----|------------|--------------|---------|-------|
| | Auckland | Waikato | ESR | Wellington | Christchurch | Dunedin | |
| Mycoplasma Pneumoniae | | 4 | | | 4 | | 8 |
| Respiratory Syncytial Virus (RSV) | | | | | 1 | | 1 |
| Rhinovirus | 1 | | | | | | 1 |
| Rotavirus | 1 | | | 1 | 3 | 2 | 7 |
| Varicella Zoster Virus (VZV) | 8 | 6 | | | 10 | | 24 |
| Adenovirus | 5 | | | | 1 | | 6 |
| Enterovirus | | | 2 | | 1 | | 3 |

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 | SA | NPA | 14.12.2005 | 4M/F | Bronchiolitis |
| Adenovirus | Type 2 | Neut | NW | Eye Swab | 31.12.2005 | 62Y/F | Conjunctivitis, red eye |
| Adenovirus | Type 3 | Neut | CB | Conjunctival swab | 13.12.2005 | 39 Y/F | |
| Adenovirus | Type 3 | Neut | CB | Throat swab | 14.12.2005 | 3 Y/M | |
| Adenovirus | Type 3 | Neut | CB | Eye swab | 10.12.2005 | 44 Y/M | Red eye |
| Adenovirus | Type 3 | Neut | CB | Not specified | 14.12.2005 | 24 D/U | |
| Adenovirus | Type 3 | Neut | CA | NPA | 04.1.2006 | 13M/F | Sepsis. |
| Adenovirus | Type 3 | Neut | CA | Eye Swab | 16.12.2005 | 39Y/M | Conjunctivitis |
| Adenovirus | Type 3 | Neut | CB | Not specified | 09.12.2005 | 16 M/U | |
| Adenovirus | Type 4 | Neut | CB | Eye swab | 08.12.2005 | 9 Y/F | Conjunctivitis |
| Adenovirus | Type 4 | Neut | CA | Eye Swab | 09.12.2005 | 39Y/F | Unknown |
| Adenovirus | Type 4 | Neut | CA | Eye Swab | 13.12.2005 | 40Y/F | Unknown |
| Adenovirus | Type 4 | Neut | NW | Eye Swab | 18.12.2005 | 34Y/F | Conjunctivitis |
| Adenovirus | Type 29 | Neut | CB | Not specified | 26.9.2005 | 38 Y/M | Conjunctivitis |
| Enterovirus | Coxsackievirus Group B type 1 | IF, Neut | WN | Throat swab | 12.12.2006 | 45 Y/M | Contact with unwell people from Ireland, typical of Influenza |
| Enterovirus | Coxsackievirus Group B type 2 | IF, Neut | CB | Faeces | 24.11.2005 | 1 M/M | |
| Enterovirus | Coxsackievirus Group B type 3 | IF, Neut | WK | Urine, Faeces | 20.12.2005 | 25 D/M | Fever |
| Enterovirus | Coxsackievirus Group B type 5 | IF, Neut | TG | Throat swab | 21.12.2005 | 19 M/M | Tonsillitis |

CA: Central Auckland

CB: Canterbury

NW: North West Auckland

SA: South Auckland

TG: Tauranga

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.

Edited by: Judy Bocacao and Lisa Van Duin, Virology, Communicable Disease Group

Institute of Environmental Science & Research Limited

Kenepuru Science Centre

Kenepuru Drive, PO Box 50-348, Porirua, New Zealand

Telephone: +64 4 914 0700, Facsimile: +64 4 014 0770

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INSTITUTE**