



SSN: 1173-1680



VIROLOGY WEEKLY REPORT

2008/4 31 January 2008

A summary of laboratory-diagnosed viral infections of interest for the week of 21/01/2008 - 27/01/2008

VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

| | Virus Laboratory | | | | | TOTAL |
|------------------------------|------------------|---------|-----|------------|--------------|-------|
| | Auckland | Waikato | ESR | Wellington | Christchurch | |
| Mycoplasma Pneumoniae | | | | | 1 | 1 |
| Rotavirus | 1 | | | | 1 | 2 |
| Varicella Zoster Virus (VZV) | 3 | 2 | | | 10 | 15 |
| Adenovirus | 9 | 2 | | | 3 | 14 |
| Enterovirus | | | 2 | | 2 | 4 |
| Mumps | | | | | 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 |
|-------------|--|--------------|--------------------|-----------------------|------------------------|-------------|---|
| Adenovirus | Type 3 | Neut | SA | Throat Swab | 09.1.2008 | 3Y/F | Unknown |
| Adenovirus | Type 3 | Neut | SA | Eye Swab | 07.1.2008 | 25Y/F | Conjunctivitis |
| Adenovirus | Type 3 | Neut | NW | Eye Swab | 08.1.2008 | 18Y/F | Unknown |
| Adenovirus | Type 3 | Neut | CA | Urine | 21.12.2007 | 6Y/F | Unknown |
| Adenovirus | Type 3 | Neut | CA | NPA | 31.12.2007 | 7Y/F | Unknown |
| Adenovirus | Type 3 | Neut | SA | Eye Swab | 31.12.2007 | 12Y/F | Red Eye |
| Adenovirus | Type 3 | Neut | CA | Throat swab | 12.10.2007 | 6 Y/M | Unknown |
| Adenovirus | Type 4 | Neut | WK | Eye swab | 12.12.2007 | 50 Y/M | Conjunctivitis |
| Adenovirus | Type 4 | Neut | TG | Eye swab | 08.12.2007 | 30 Y/F | Conjunctivitis |
| Adenovirus | Type 8 | Neut | CA | Eye Swab | 23.12.2007 | 44Y/M | Conjunctivitis |
| Adenovirus | Type 8 | Neut | WK | Eye swab | 30.10.2007 | 16 Y/M | Conjunctivitis |
| Adenovirus | Type 8 | Neut | WK | Eye swab | 22.12.2007 | 11 Y/F | Comjunctivitis |
| Adenovirus | Type 8 | Neut | WK | Eye swab | 22.12.2007 | 12 Y/F | Comjunctivitis |
| Adenovirus | Type 8 | Neut | WK | Eye swab | 11.12.2007 | 42 Y/F | Conjunctivitis |
| Enterovirus | Echovirus type 6 | IF, Neut | WN | CSF | 30.12.2007 | 17 Y/F | |
| Enterovirus | Echovirus type 6 | IF, Neut | WK | CSF | 15.12.2007 | 3 Y/M | Meningitis |
| Enterovirus | Enterovirus type 71 | IF | WK | Throat swab | 16.4.2007 | 17 Y/F | Hand, foot and mouth symptoms |
| Enterovirus | Enterovirus type 71 | IF | CA | Tongue swab | 20.5.2007 | 20 M/M | |
| Influenza B | B/Shanghai/361/2002 like – low reactor | HAI | WK | Throat | 14.12.2007 | 31 Y/M | Flu Like symptoms |
| Mumps | | IgM | MW | Serum | 18.1.2008 | 74 Y/F | Acute bilateral swelling submandibular glands |

CA: Central Auckland

MW: Manawatu

NW: North West Auckland

SA: South Auckland

TG: Tauranga

WK: Waikato

WN: Wellington

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