



ISSN: 1173-1680 (Print)
ISSN: 1179-903X (Online)



VIROLOGY WEEKLY REPORT

2011/49 20 December 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 05/12/2011 - 11/12/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

| | Regions reporting Virus Identification | | | | TOTAL |
|-----------------------------------|--|---------|------------|--------------|-------|
| | Auckland | Waikato | Wellington | Christchurch | |
| Metapneumovirus | 1 | 1 | | | 2 |
| Mycoplasma Pneumoniae | | | | 2 | 2 |
| Parvovirus | | | | 1 | 1 |
| Respiratory Syncytial Virus (RSV) | | | | 2 | 2 |
| Rhinovirus | 3 | 1 | | 5 | 9 |
| Rotavirus | 1 | 7 | 1 | 7 | 16 |
| Varicella Zoster Virus (VZV) | 2 | 4 | 3 | 2 | 11 |
| Adenovirus | 5 | 3 | | 4 | 12 |
| Enterovirus | 4 | 1 | 2 | 1 | 8 |
| Measles | 13 | | | 5 | 18 |

TYPING AND IDENTIFICATIONS FOR VIRUSES WITH PUBLIC HEALTH IMPORTANCE (ESR and others)

| Virus | Type/ subtype | ID Method | Health District | Specimen Type/site | Date Specimen taken | Age/ sex | Clinical data |
|-------------|-------------------------------|-----------|-----------------|--------------------|---------------------|----------|---|
| Adenovirus | Type 2 | Neut | CA | NPA | 23.11.2011 | 1 Y/F | |
| Adenovirus | Type 4 | Neut | CA | Right Eye Swab | 16.11.2011 | 26 Y/F | Conjunctivitis |
| Enterovirus | Coxsackievirus Group B type 4 | IF | CA | Throat Swab | 26.11.2011 | 16 Y/M | |
| Measles | | PCR | CA | Swab | 07.12.2011 | 52 Y/M | |
| Measles | | PCR, IgM | CA | Swab, Serum | 06.12.2011 | 11 Y/F | Rash |
| Measles | | PCR, IgM | CA | NPS, serum | 02.12.2011 | 10 Y/M | |
| Measles | | PCR | CA | NPA | 03.12.2011 | 6M/M | |
| Measles | | PCR | CA | NPA | 05.12.2011 | 1 Y/F | |
| Measles | | PCR | CA | Throat Swab | 04.12.2011 | 9 Y/F | |
| Measles | | IgM | CA | Serum | 03.12.2011 | 3 Y/F | |
| Measles | | PCR, IgM | CA | Swab, Serum | 03.12.2011 | 9 Y/F | |
| Measles | | PCR | CB | Nasopharynx | 05.12.2011 | 36M/M | |
| Measles | | PCR, IgM | CA | Swab, Serum | 04.12.2011 | 36 Y/M | |
| Measles | | PCR | CA | NPA | 07.12.2011 | 11M/M | |
| Measles | | PCR | CA | Throat Swab | 07.12.2011 | 17 Y/M | |
| Measles | | PCR, IgM | CA | Nasal swab, Serum | 08.12.2011 | 33 Y/F | |
| Measles | | IgM, PCR | CB | Serum, swab | 06.12.2011 | 4 M/M | Fever, rash, Measles contact, conjunctivitis |
| Measles | | IgM | CA | Serum | 02.12.2011 | 13 Y/F | |
| Measles | | PCR | CB | Nasopharynx | 03.12.2011 | 18M/M | Recent MMR vaccine 9/11/11. Rash, clinically well. Mother pregnant. |
| Measles | | PCR | GS | Nasal | 05.12.2011 | 18 Y/M | |
| Measles | | IgM | NM | Serum | 02.12.2011 | 41 Y/M | Also pos EBV |

CA: Central Auckland

CB: Canterbury

GS: Gisborne

NM: Nelson-Marlborough

Neut Neutralisation test

PCR Polymerase Chain Reaction

IgM Positive IgM ELISA

IF Immunofluorescence test

NPA Nasopharyngeal Aspirate

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

Edited by: Wendy Gunn and Judy Bocacao, Clinical Virology Laboratory, Health Program

Enquiries: Judy Bocacao, Tel: 644 5290618, email: judy.bocacao@esr.cri.nz