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VIROLOGY WEEKLY REPORT

2012/41 18 October 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 08/10/2012 - 14/10/2012

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

| | Regions reporting Virus Identification | | | | TOTAL |
|-----------------------------------|--|---------|------------|--------------|-------|
| | Auckland | Waikato | Wellington | Christchurch | |
| Influenza A | 1 | 1 | | | 2 |
| Influenza A H3N2 | 2 | | | | 2 |
| Influenza B | 6 | | 4 | | 10 |
| Bocavirus | | | | 2 | 2 |
| Metapneumovirus | 8 | 2 | | 4 | 14 |
| Mycoplasma Pneumoniae | | 1 | 2 | 17 | 20 |
| Parainfluenza 1 | 3 | | | | 3 |
| Parainfluenza 3 | 12 | 1 | | 10 | 23 |
| Picornavirus | 28 | | | | 28 |
| Respiratory Syncytial Virus (RSV) | 8 | 2 | 1 | 4 | 15 |
| Rhinovirus | | 3 | | 14 | 17 |
| Rotavirus | | 1 | 1 | 2 | 4 |
| Varicella Zoster Virus (VZV) | 4 | 4 | 2 | 5 | 15 |
| Adenovirus | 9 | 2 | | 3 | 14 |
| Enterovirus | 4 | 1 | 9 | 5 | 19 |
| Measles | 1 | | | | 1 |
| Mumps | | | | 1 | 1 |

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 |
|-------------|-------------------------------|-----------|-----------------|--------------------|---------------------|---------|-----------------|
| Enterovirus | Coxsackievirus Group A type 9 | Seq | WK | Not specified | 11.6.2012 | 10M/M | ? Bronchiolitis |
| Enterovirus | Coxsackievirus Group B type 4 | Seq | WK | Nasal | 19.6.2012 | 29Y/M | |
| Enterovirus | Coxsackievirus Group B type 4 | IF | CA | Nasal | 30.9.2012 | 28Y/F | |
| Enterovirus | Coxsackievirus Group B type 5 | Seq | WK | Nasal | 08.6.2012 | 2M/M | Unwell |
| Enterovirus | Echovirus type 11 | Seq | SA | NPA | 22.6.2012 | 2M/M | |
| Enterovirus | Enterovirus type 68 | Seq | SA | NPA | 04.7.2012 | 6M/M | |
| Measles | | PCR | CA | NPS | 08.10.2012 | 1Y/M | Rash, URTI |
| Mumps | | IgM | MW | | 01.10.2012 | 50Y/F | |

CA: Central Auckland

MW: Manawatu

SA: South Auckland

WK: Waikato

PCR Polymerase Chain Reaction

NPS Nasopharyngeal Swab

Seq PCR sequencing

NPA Nasopharyngeal Aspirate

IgM Positive IgM ELISA

IF Immunofluorescence test

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

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