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VIROLOGY WEEKLY REPORT

2012/9 07 March 2012

A summary of laboratory-diagnosed viral infections of interest for the week of 27/02/2012 - 04/03/2012

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

| | Regions reporting Virus Identification | | | | TOTAL |
|-----------------------------------|--|---------|------------|--------------|-------|
| | Auckland | Waikato | Wellington | Christchurch | |
| Influenza A H3N2 | 1 | | | 2 | 3 |
| Mycoplasma Pneumoniae | | 1 | 1 | 3 | 5 |
| Parainfluenza 3 | | 1 | | | 1 |
| Parvovirus | | | | 1 | 1 |
| Respiratory Syncytial Virus (RSV) | 1 | 1 | | 1 | 3 |
| Rhinovirus | 1 | | | 2 | 3 |
| Rotavirus | 3 | | | 1 | 4 |
| Varicella Zoster Virus (VZV) | 4 | 6 | 1 | 10 | 21 |
| Adenovirus | 2 | | | 2 | 4 |
| Enterovirus | 1 | | 1 | 1 | 3 |
| Measles | 4 | | | 1 | 5 |

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 5 | Seq | CB | Eye swab | 05.1.2012 | 60 Y/F | Conjunctivitis |
| Enterovirus | Echovirus type 18 | Seq | WK | CSF | 18.1.2012 | 2 M/M | |
| Enterovirus | Echovirus type 18 | Seq | CB | Rectal | 02.2.2012 | 1 M/F | |
| Measles | | IgM | CB | Serum | 01.3.2012 | 15 Y/F | 1 week post vaccination |
| Measles | | PCR | CA | NPA | 29.2.2012 | 10M/M | |
| Measles | | PCR | CA | Swab | 26.2.2012 | 11M/F | Fever, Rash |
| Measles | | PCR | CA | Throat Swab | 24.2.2012 | 6M/M | Rash |
| Measles | | IgM | CA | Serum | 29.2.2012 | -/F | |

CA: Central Auckland

CB: Canterbury

WK: Waikato

PCR Polymerase Chain Reaction
IgM Positive IgM ELISA
CSF Cerebrospinal Fluid

NPA Nasopharyngeal Aspirate
Seq PCR sequencing

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

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