



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



VIROLOGY WEEKLY REPORT

2014/43 31 October 2014

A summary of laboratory-diagnosed viral infections of interest for the week of 20/10/2014 - 26/10/2014

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

| | Laboratories reporting Virus Identification | | | | TOTAL |
|-----------------------------------|---|-------------|-----------------|------------------|-------|
| | Auckland labs | Waikato lab | Wellington labs | Christchurch lab | |
| Influenza A | 6 | 2 | 3 | | 11 |
| Influenza A H1N1 pdm09 | 1 | | 3 | | 4 |
| Influenza A H3N2 | 4 | | 5 | 11 | 20 |
| Influenza B | 4 | | 12 | 2 | 18 |
| Bocavirus | | | | 3 | 3 |
| Coronavirus | | | | 5 | 5 |
| Metapneumovirus | | 1 | | 4 | 5 |
| Mycoplasma pneumoniae | | 1 | | 1 | 2 |
| Parainfluenza 1 | 1 | | | | 1 |
| Parainfluenza 3 | 14 | 1 | 4 | 9 | 28 |
| Parvovirus | | | | 1 | 1 |
| Picornavirus | 22 | | | | 22 |
| Respiratory Syncytial Virus (RSV) | 11 | 5 | 6 | 3 | 25 |
| Rhinovirus | 25 | | 7 | 7 | 39 |
| Rotavirus | 2 | 1 | 8 | 8 | 19 |
| Varicella Zoster Virus (VZV) | 3 | 2 | 5 | 9 | 19 |
| Adenovirus | 9 | 1 | 4 | 1 | 15 |
| Enterovirus | 1 | | 12 | | 13 |
| 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 |
|-------------|--------------------------------|-----------|-----------------|--------------------|---------------------|---------|---------------------------|
| Adenovirus | Type 1 | Seq | WK | Nasal | 18.9.2014 | 1Y/M | Febrile |
| Adenovirus | Type 1 | Seq | SA | NPA | 03.10.2014 | 6M/F | |
| Adenovirus | Type 2 | Seq | SA | NPA | 19.9.2014 | 7M/M | |
| Adenovirus | Type 3 | Seq | SA | NPS | 24.9.2014 | 9M/M | |
| Adenovirus | Type 7 | Seq | SA | NPS | 25.9.2014 | 38Y/M | |
| Adenovirus | Type 29 | Seq | WK | Eye | 22.9.2014 | 25Y/M | Follicular conjunctivitis |
| Adenovirus | Type 37 | Seq | WK | Eye | 25.9.2014 | 45Y/F | Erythma + discharge |
| Adenovirus | Type 37 | Seq | WK | Eye | 24.9.2014 | 3Y/M | Erythma |
| Enterovirus | Coxsackievirus Group A type 21 | Seq | SA | NPA | 29.8.2014 | 34Y/M | |
| Enterovirus | Coxsackievirus Group A type 9 | Seq | WK | Faeces | 11.9.2014 | 1Y/M | |
| Enterovirus | Coxsackievirus Group B type 2 | Seq | SA | Throat | 03.9.2014 | 1Y/F | |
| Enterovirus | Coxsackievirus Group B type 2 | Seq | WK | Throat | 10.9.2014 | 39Y/M | |
| Enterovirus | Coxsackievirus Group B type 2 | Seq | WK | Nasal | 10.9.2014 | 1Y/F | |
| Enterovirus | Coxsackievirus Group B type 4 | Seq | CB | NPS | 09.9.2014 | 1M/M | Febrile, irritable |
| Enterovirus | Coxsackievirus Group B type 5 | Seq | WN | Swab | 01.9.2014 | 6D/M | |
| Enterovirus | Coxsackievirus Group B type 5 | Seq | WN | Nasal | 03.9.2014 | 8D/F | |
| Mumps | | IgM | CA | Serum | 23.10.2014 | 39Y/F | Bilateral parotitis |

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

WN: Wellington

NPA Nasopharyngeal Aspirate
IgM IgM ELISA

NPS Nasopharyngeal Swab
Seq PCR sequencing

Data provided by Auckland labs (Labplus -Virology and Middlemore Hospital - Microbiology), Waikato-Virology lab, Canterbury Health-Virology lab and Wellington labs (Wellington Hospital- Microbiology Lab and ESR).

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

Enquiries: Judy Bocacao, Tel: 644 5290618, e-mail: judy.bocacao@esr.cri.nz

Institute of Environmental Science & Research Limited
ESR NCBIID - Wallaceville
66 Ward Street, PO Box 40-158, Wallaceville, Upper Hutt, New Zealand
Telephone: +64 4 529 0600, Facsimile: +64 4 5299 0601

**A CROWN RESEARCH
INSTITUTE**