

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 11/04/2016 - 17/04/2016

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

| | Laboratories reporting virus identification | | | | | | | |
|-----------------------------------|---|------------|---------|-----|------------|--------------|---------|-------|
| | LabPlus | Middlemore | Waikato | ESR | Wellington | Christchurch | Dunedin | TOTAL |
| Influenza A | 1 | | | | | | | 1 |
| Influenza A H1N1 pdm09 | | 7 | | | | 1 | | 8 |
| Influenza B | 1 | 1 | 1 | | | 1 | | 4 |
| Bocavirus | | | | | | 1 | | 1 |
| Mycoplasma | | | 1 | | | | | 1 |
| Parainfluenza 1 | 1 | 3 | | | | 2 | | 6 |
| Parechovirus | | | | | | 1 | | 1 |
| Picornavirus | | 21 | | | | | 3 | 24 |
| Respiratory Syncytial Virus (RSV) | 2 | 4 | 1 | 3 | | | | 10 |
| Rhinovirus | 8 | | | 2 | | 10 | | 20 |
| Varicella Zoster Virus (VZV) | 22 | 3 | 5 | | 10 | 6 | 4 | 50 |
| Adenovirus | 4 | 4 | 1 | | 2 | 4 | 1 | 16 |
| Enterovirus | 4 | 4 | 3 | 4 | 2 | | 1 | 18 |
| Measles | 1 | | 1 | | | | | 2 |
| Mumps | | | | | | 1 | | 1 |

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

| Virus | Type / Subtype | ID Method | DHB | Specimen Type/ Site | Date Specimen Taken | Age / Sex | Clinical Data |
|-------------|-------------------------------|-----------|------------------|---------------------|---------------------|-----------|---------------|
| Enterovirus | Coxsackievirus Group B type 3 | Seq | Canterbury | Rectal | 18/03/2016 | 6D/M | |
| Enterovirus | Echovirus type 18 | Seq | Counties Manukau | CSF | 15/03/2016 | 1M/M | |
| Enterovirus | Echovirus type 18 | RT-PCR | Lakes | CSF | 15/03/2016 | 22/M | |
| Enterovirus | Echovirus type 30 | RT-PCR | Lakes | CSF | 17/03/2016 | 23/F | |
| Measles | | PCR | Auckland | NPA | 12/04/2016 | 0.66/F | ? Measles |
| Measles | | EIA (IgM) | Waikato | | 09/04/2016 | 13Y/F | ? MEASLES |
| Mumps | | IgM | Southern | | 07/04/2016 | 39/F | |

NPA Nasopharyngeal Aspirate
 IgM IgM ELISA
 Seq PCR sequencing
 RT-PCR Reverse transcription polymerase chain reaction
 CSF Cerebrospinal Fluid
 EIA Enzyme immunoassay

Data provided by Virology Laboratories of Auckland LabPlus, Waikato and Christchurch Hospital, Microbiology Laboratory of Wellington, Middlemore, and Dunedin Hospital and ESR

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