

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 13/02/2017 - 19/02/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

| | Laboratories reporting virus identification | | | | | | | |
|-----------------------------------|---|------------|---------|-----|------------|--------------|---------|-------|
| | LabPlus | Middlemore | Waikato | ESR | Wellington | Christchurch | Dunedin | TOTAL |
| Influenza A | 1 | | | | 5 | | | 6 |
| Influenza A H3N2 | | 1 | | 1 | | 3 | | 5 |
| Influenza B | | | | | 1 | | | 1 |
| Metapneumovirus (HMPV) | | 1 | | | | | | 1 |
| Mycoplasma pneumoniae | | | 1 | | 1 | | | 2 |
| Norovirus | | | | | | 5 | | 5 |
| Parainfluenza 2 | | | | | | 1 | | 1 |
| Parainfluenza 3 | 1 | 1 | | | | | | 2 |
| Picornavirus | | 23 | | | | | 1 | 24 |
| Respiratory Syncytial Virus (RSV) | | 3 | | | 2 | | | 5 |
| Rhinovirus | 8 | | | 2 | 2 | 4 | | 16 |
| Rotavirus | | | | | 1 | | | 1 |
| Varicella Zoster Virus (VZV) | 18 | 1 | 3 | | 12 | 5 | 4 | 43 |
| Adenovirus | 5 | 4 | | | | 1 | 1 | 11 |
| Enterovirus | | | 1 | | | | | 1 |
| Measles | | | | | | 3 | | 3 |
| Mumps | 2 | | | | | | | 2 |

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 |
|-----------|------------------------------|-----------|------------------|---------------------|---------------------|-----------|---------------|
| Influenza | A/Hong Kong/4801/2014 (H3N2) | HAI | Counties Manukau | NPS | 16/01/2017 | 56Y/F | |
| Measles | | PCR | MidCentral | NPS | 15/02/2017 | 21/M | |
| Measles | | PCR | MidCentral | NPS | 15/02/2017 | 45/M | |
| Measles | Genotype A | PCR | MidCentral | NPS | 13/02/2017 | 19M/M | |
| Mumps | | PCR | Auckland | Buccal swab | 10/02/2017 | 28/M | |
| Mumps | | IgM | Waitemata | Serum | 09/02/2017 | 17/M | Neck swelling |

IgM IgM ELISA
 PCR Polymerase Chain Reaction

NPS Nasopharyngeal Swab
 HAI Haemagglutination Inhibition test

Data provided by Virology Laboratories of Auckland LabPlus, Waikato and Christchurch Hospital, Microbiology Laboratory of Wellington, Middlemore, and Dunedin Hospital and ESR's Clinical Virology and Enteric Viruses Laboratory.

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