

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 13/03/2017 - 19/03/2017

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

| | Laboratories reporting virus identification | | | | | | | |
|-----------------------------------|---|------------|---------|-----|------------|--------------|---------|-------|
| | LabPlus | Middlemore | Waikato | ESR | Wellington | Christchurch | Dunedin | TOTAL |
| Influenza A | 6 | | | | | | 1 | 7 |
| Influenza A H1N1 pdm09 | | | | 2 | | 1 | | 3 |
| Influenza A H3N2 | | 11 | | | | 4 | 1 | 16 |
| Influenza B | | 1 | | | | 3 | | 4 |
| Astrovirus | | | | | | 1 | | 1 |
| Metapneumovirus | 1 | 1 | | | | | | 2 |
| Mycoplasma pneumoniae | | | 2 | | | | | 2 |
| Norovirus | | | | 6 | | 1 | | 7 |
| Parainfluenza 3 | 1 | | | | | | | 1 |
| Parainfluenza type 1 | | | | 1 | | | | 1 |
| Picornavirus | | 28 | | | | | 6 | 34 |
| Respiratory Syncytial Virus (RSV) | 1 | 3 | | 1 | 1 | 1 | 1 | 8 |
| Rhinovirus | 9 | | | 5 | 3 | 10 | | 27 |
| Rotavirus | 1 | | | | | 1 | | 2 |
| Sapovirus | | | | 1 | | 4 | | 5 |
| Varicella Zoster Virus (VZV) | 18 | | 8 | | 7 | 14 | 13 | 60 |
| Adenovirus | 9 | 10 | | | | | 1 | 20 |
| Enterovirus | | 1 | | | | 2 | | 3 |
| Measles | 1 | | | | | | | 1 |
| Mumps | 6 | | 2 | | | | | 8 |

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 |
|-------------|-------------------------------|-----------|-----------------------|------------------------|---------------------------|-----------|------------------------|
| Adenovirus | Type 3 | Seq | Nelson Marlborough | NPA | 13/02/2017 | 2/F | Febrile |
| Adenovirus | Type 19 | Seq | Waikato | Eye | 01/03/2017 | 36/M | Conjunctivitis |
| Adenovirus | Type 19 | Seq | Waikato | Eye | 02/03/2017 | 41/F | Red eye |
| Adenovirus | Type 37 | Seq | Southern | Eye | 02/03/2017 | 34/F | Red eye |
| Enterovirus | Echovirus type 33 | PCR | Counties Manukau | CSF | 24/02/2017 | 12/F | |
| Influenza | A/California/7/2009 (H1N1) | HAI | Counties Manukau | NPA | 28/02/2017 | 10M/F | |
| Influenza | A/California/7/2009 (H1N1) | HAI | Counties Manukau | NPS | 18/02/2017 | 63/M | |
| Influenza | B/Phuket/3073/2013 | HAI | Counties Manukau | NPS | 20/02/2017 | 21/F | |
| Influenza | B/Phuket/3073/2013 | HAI | Counties Manukau | NPS | 2/03/2017 | 72/M | |
| Measles | | PCR | Counties Manukau | SW | 16/03/2017 | 1/F | Rash |
| Mumps | | IgM | Auckland | Serum | 14/03/2017 | 5M/M | |
| Mumps | | PCR | Auckland | Swab | 13/03/2017 | 31/M | Parotid swelling |
| Mumps | | PCR | Counties Manukau | Mouth | 13/03/2017 | 13/F | |
| Mumps | | IgM, PCR | Waikato | Serum, swab | 09/03/2017 | 43/M | |
| Mumps | | PCR | Waikato | Swab | 15/03/2017 | 11/F | |
| Mumps | | PCR | Waikato | Swab | 15/03/2017 | 11/F | |
| Mumps | | PCR | Waitemata | Buccal swab | 15/03/2017 | 16/M | |
| Mumps | | PCR | Waitemata | Swab | 16/03/2017 | 18/M | Recently vaccinated |

NPA Nasopharyngeal Aspirate
 IgM IgM ELISA
 PCR Polymerase Chain Reaction
 Seq PCR sequencing

NPS Nasopharyngeal Swab
 HAI Haemagglutination Inhibition test
 CSF Cerebrospinal Fluid

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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