

VIROLOGY WEEKLY REPORT

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A Summary of Laboratory-diagnosed viral infections of interest for the week of 14/12/2015 - 20/12/2015

PRIMARY DIAGNOSIS REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

| | Laboratories reporting virus identification | | | | | | | |
|-----------------------------------|---|------------|---------|-----|------------|--------------|---------|-------|
| | LabPlus | Middlemore | Waikato | ESR | Wellington | Christchurch | Dunedin | TOTAL |
| Influenza B | | 1 | | | 1 | | | 2 |
| Bocavirus | | | | | | 2 | | 2 |
| Enterovirus | 4 | 2 | | 9 | | | 1 | 16 |
| Metapneumovirus | | 1 | | 1 | | 7 | | 9 |
| Mycoplasma pneumoniae | | | | | 1 | 2 | | 3 |
| Parainfluenza 3 | 1 | | | | | 1 | | 2 |
| Parainfluenza 4 | | | | | | 1 | | 1 |
| Parvovirus | | | | | | 1 | | 1 |
| Picornavirus | | 4 | | | | | 2 | 6 |
| Respiratory Syncytial Virus (RSV) | 1 | 2 | | | 4 | | | 7 |
| Rhinovirus | 7 | | | 2 | 2 | 8 | | 19 |
| Rotavirus | 2 | | | | | 1 | | 3 |
| Varicella Zoster Virus (VZV) | 20 | 2 | 4 | | 6 | 9 | 3 | 44 |
| Adenovirus | 13 | 10 | 1 | 8 | 2 | 4 | | 38 |
| Measles | | | | | | 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 |
|-------------|-------------------------------|-----------|--------------------|---------------------|---------------------|-----------|-----------------------------|
| Adenovirus | Type 7 | Seq | Canterbury | Swab | | 11M/M | Bronchitis |
| Adenovirus | Type 7 | Seq | Southern | NPA | 23/11/2015 | 5M/M | Respiratory Tract Infection |
| Enterovirus | Coxsackievirus Group A type 6 | Seq | Canterbury | Swab | 24/11/2015 | 1Y/M | Lesions |
| Enterovirus | Coxsackievirus Group A type 6 | Seq | Capital and Coast | NPS | | 7M/M | |
| Enterovirus | Coxsackievirus Group A type 6 | Seq | Capital and Coast | Swab | | 1Y/F | |
| Enterovirus | Coxsackievirus Group A type 6 | Seq | Capital and Coast | Swab | | 24Y/M | Rash |
| Enterovirus | Coxsackievirus Group B type 5 | Seq | Capital and Coast | Faeces | | 35Y/F | |
| Enterovirus | Coxsackievirus Group B type 5 | Seq | Capital and Coast | Throat | | 35Y/F | Meningitis |
| Enterovirus | Coxsackievirus Group A type 6 | Seq | MidCentral | Lip | 18/11/2015 | 1Y/M | |
| Enterovirus | Coxsackievirus Group A type 6 | Seq | MidCentral | Swab | | 38Y/M | Rash |
| Enterovirus | Coxsackievirus Group A type 6 | Seq | Nelson Marlborough | Swab | 25/11/2015 | 36Y/F | |
| Enterovirus | Coxsackievirus Group A type 6 | Seq | Southern | Swab | 30/11/2015 | 1Y/F | |
| Measles | | IgM | Canterbury | | 09/12/2015 | 28/M | |

NPA Nasopharyngeal Aspirate
IgM IgM ELISA

NPS Nasopharyngeal Swab
Seq PCR sequencing

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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