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VIROLOGY WEEKLY REPORT

2010/39 11 October 2010

A summary of laboratory-diagnosed viral infections of interest for the week of 27/09/2010 - 03/10/2010

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

| | Virus Laboratory | | | | | TOTAL |
|-----------------------------------|------------------|---------|-----|------------|--------------|-------|
| | Auckland | Waikato | ESR | Wellington | Christchurch | |
| Influenza A | | 1 | | | 1 | 2 |
| Influenza A H1N1 sw1 | 1 | 1 | | 1 | 8 | 11 |
| Influenza A H3N2 | | | | 1 | | 1 |
| Metapneumovirus | | 8 | | | | 8 |
| Mycoplasma Pneumoniae | | | | | 3 | 3 |
| Parainfluenza 1 | 1 | | | | | 1 |
| Parainfluenza 3 | | 1 | | | | 1 |
| Respiratory Syncytial Virus (RSV) | 6 | 10 | | 2 | 19 | 37 |
| Rotavirus | 9 | 4 | | 5 | | 18 |
| Varicella Zoster Virus (VZV) | 1 | 5 | | 2 | 12 | 20 |
| Adenovirus | 5 | 1 | | | 1 | 7 |
| Enterovirus | 1 | | 1 | 1 | | 3 |

This week, Middlemore hospital reported 2 Parainfluenza type 3, 8 Respiratory Syncytial virus (RSV) and 2 Human Metapneumovirus infections.

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 |
|-------------|------------------|-----------|-----------------|--------------------|---------------------|---------|---------------|
| Enterovirus | Echovirus type 5 | Neut | CA | NPA | 11.09.2010 | 3 M/F | |

CA: Central Auckland

Neut Neutralisation test

NPA Nasopharyngeal Aspirate

NOTE: During April to September 2010, sentinel as well as hospital surveillance for influenza is conducted. For detailed information on consultation rates and viral isolations, please refer to "Influenza Weekly Update" report which can be viewed at http://www.surv.esr.cri.nz/virology/influenza_weekly_update.php.

The Virology Weekly reporting only records numbers of influenza viral isolations from sentinel and hospital surveillance. This report is also available at http://www.surv.esr.cri.nz/virology/virology_weekly_report.php.

Data provided by Virology Laboratories of Auckland, Waikato, Christchurch Hospitals, Microbiology Laboratory of Wellington Hospital and ESR.

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