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VIROLOGY WEEKLY REPORT

2011/43 04 November 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 24/10/2011 - 30/10/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus Identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	2				2
Influenza A H3N2				2	2
Influenza B	2			1	3
Metapneumovirus	5				5
Mycoplasma Pneumoniae		2		2	4
Parainfluenza 1	3				3
Parainfluenza 3	2	1			3
Parvovirus				2	2
Respiratory Syncytial Virus (RSV)	5	4	1	1	11
Rhinovirus				4	4
Rotavirus	5	3	1	11	20
Varicella Zoster Virus (VZV)	3	6		7	16
Adenovirus	8		1	1	10
Enterovirus	7			2	9
Measles	13	1			14

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
Adenovirus	Type 1	Seq	SA	NPA	20.9.2011	11 M/F	Bronchiolitis, febrile, convulsion
Adenovirus	Type 1	Seq	SA	NPA	16.9.2011	6 M/M	
Adenovirus	Type 2	Seq	CB	NPS	28.9.2011	19M/M	
Adenovirus	Type 2	Seq	WK	NPA	17.9.2011	8 M/M	
Adenovirus	Type 2	Seq	SA	NPA	26.9.2011	6 M/M	Bronchiolitis
Adenovirus	Type 2	Seq	WK	NPA	26.9.2011	9 M/M	
Adenovirus	Type 2	Seq	SA	NPA	24.9.2011	4 Y/M	
Adenovirus	Type 2	Seq	SA	NPA	01.10.2011	2 M/F	
Adenovirus	Type 2	Neut	CA	Eye swab	05.10.2011	59 Y/M	
Adenovirus	Type 3	Seq	SA	NPA	17.9.2011	4 M/M	LRTI
Adenovirus	Type 4	Seq	SA	NPA	16.9.2011	39 Y/F	LRTI
Adenovirus	Type 5	Seq	WK	NPA	19.8.2011	18 M/F	
Adenovirus	Type 14	Seq	WK	Eye	21.9.2011	8 Y/F	
Measles		PCR	CA	Swab	22.10.2011	8 M/M	
Measles		PCR	CA	Throat Swab	26.10.2011	14 Y/F	
Measles		PCR	CA	Throat Swab	20.10.2011	44 Y/F	Fever, spots in mouth
Measles		PCR	CA	Throat Swab	21.10.2011	36 Y/F	
Measles		PCR	CA	Swab	22.10.2011	14 Y/M	Cough, rash, conjunctivitis
Measles		PCR	CA	Throat Swab	23.10.2011	1 Y/F	
Measles		PCR	CA	Throat Swab	23.10.2011	17 Y/M	
Measles		PCR	CA	NPS	25.10.2011	20 Y/M	
Measles		PCR	CA	NPA	22.10.2011	11 M/F	
Measles		PCR, IgM	CA	Throat Swab, Serum	25.10.2011	1 Y/F	
Measles		PCR	CA	Swab	26.10.2011	18 Y/M	
Measles		PCR	CA	Swab	27.10.2011	1 Y/F	
Measles		IgM	BE	Serum	25.10.2011	6 Y/M	
Measles		PCR	WK	Urine	24.10.2011	6 Y/M	
Measles		PCR	CA	Throat Swab	25.10.2011	38 Y/M	Rash, conjunctivitis, sore throat, cough

BE: Eastern Bay of Plenty

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

Neut Neutralisation test
 NPA Nasopharyngeal Aspirate
 IgM Positive IgM ELISA
 Seq PCR sequencing

PCR Polymerase Chain Reaction
 NPS Nasopharyngeal Swab

NOTE: During April to October 2011, 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 Middlemore hospital, and ESR.

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