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VIROLOGY WEEKLY REPORT

2011/27 14 July 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 04/07/2011 - 10/07/2011

PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	5		1		6
Influenza A H1N1 swl				1	1
Influenza A H3N2	1			1	2
Influenza B	7	9	10	3	29
Human Metapneumovirus	3			1	4
Mycoplasma Pneumoniae	1	2		2	5
Parainfluenza 2	2				2
Parainfluenza 3	9	3		2	14
Respiratory Syncytial Virus (RSV)	29	10	8	9	56
Rhinovirus	4			10	14
Rotavirus				7	7
Varicella Zoster Virus (VZV)	5	4		11	20
Adenovirus	8	2	7		17
Enterovirus	3			1	4
Measles	10			1	11
Mumps	1			1	2

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	02.6.2011	9 M/M	
Adenovirus	Type 2	Seq	CB	Nasal	21.6.2011	18 M/M	
Adenovirus	Type 2	Seq	SA	NPA	07.6.2011	11 M/F	
Adenovirus	Type 3	Seq	SA	NPA	11.6.2011	6 M/M	
Adenovirus	Type 3	Seq	WK	Eye	07.6.2011	27 Y/F	
Adenovirus	Type 2	Seq	SA	NPA	25.6.2011	9 M/M	
Adenovirus	Type 2	Seq	SA	NPA	20.6.2011	5 M/M	
Adenovirus	Type 2	Seq	SA	NPA	24.6.2011	3 M/F	
Adenovirus	Type 8	Seq	HB	Eye	30.5.2011	18 Y/F	
Adenovirus	Type 8	Seq	HB	Eye	03.6.2011	65 Y/M	
Adenovirus	Type 8	Seq	HB	Eye	07.6.2011	39 Y/F	
Adenovirus	Type 8	Seq	WK	Eye	07.6.2011	23 Y/F	
Adenovirus	Type 11/35	Seq	SA	Swab	07.6.2011	15 Y/F	
Adenovirus	Type 37	Neut	CA	Eye	15.6.2011	42 Y/M	
Measles	Genotype D4	Seq	CA	Throat	27.6.2011	3 Y/M	
Measles	Genotype D4	Seq	CA	Throat	13.6.2011	9 Y/F	
Measles		PCR	CA	Nasal	06.7.2011	3 Y/F	Fever, cough
Measles		PCR	CA	Throat	06.7.2011	15 Y/F	
Measles	Genotype D4	Seq	CA	Throat	24.6.2011	14 Y/M	
Measles	Genotype D4	Seq	CA	Throat	27.6.2011	3 Y/F	
Measles		IgM	CA	Serum	07.7.2011	13 Y/F	Rash
Measles		PCR	CA	Throat	01.7.2011	9 Y/M	
Measles		PCR	CA	Urine	02.7.2011	17 Y/F	
Measles		PCR	CA	Swab	01.7.2011	13 Y/F	
Measles	Genotype D4	Seq	CA	Throat	27.6.2011	4 Y/M	Rash,
Measles		IgM	CA	Serum	07.7.2011	9 Y/M	Rash
Measles		IgM	CA	Serum	07.7.2011	8 Y/M	Rash
Measles		IgM	HB	Serum	05.7.2011	6 Y/M	
Measles		IgM	CA	Serum	02.7.2011	8 Y/F	
Measles	Genotype D4	Seq	CA	Throat Swab	26.6.2011	1 Y/M	
Mumps		IgM	CA	Serum	03.7.2011	23 Y/M	
Mumps		IgM	NM	Serum	04.7.2011	31 Y/M	

CA: Central Auckland CB: Canterbury HB: Hawkes Bay NM: Nelson-Marlborough SA: South Auckland WK: Waikato

Neut Neutralisation test PCR Polymerase Chain Reaction Seq: PCR Sequencing
 NPA Nasopharyngeal Aspirate IgM Positive IgM ELISA

NOTE: During April to September 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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