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## VIROLOGY WEEKLY REPORT

2011/26 06 July 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 27/06/2011 - 03/07/2011

### PRIMARY DIAGNOSTIC REPORTS ON VIRAL INFECTIONS REPORTED THIS WEEK

	Regions reporting Virus identification				TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	3		3	1	7
Influenza A H1N1 swl				1	1
Influenza A H3N2			8		8
Influenza B	13	1	11		25
Human Metapneumovirus	3	2		4	9
Mycoplasma Pneumoniae		1		3	4
Parainfluenza 2	3			1	4
Parainfluenza 3	4	3		4	11
Parvovirus				5	5
Respiratory Syncytial Virus (RSV)	36	15	3	9	63
Rhinovirus				11	11
Rotavirus	2	1	1	7	11
Varicella Zoster Virus (VZV)	5	6		4	15
Adenovirus	3	1		3	7
Enterovirus	2	1			3
Measles	14			1	15
Mumps	1				1

**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	Neut	CA	NPA	14.6.2011	6 M/M	
Adenovirus	Type 2	Neut	CA	Left Eye	04.5.2011	40 Y/M	Acute conjunctivitis
Adenovirus	Type 2	Neut	CA	Throat	03.6.2011	39 Y/F	
Adenovirus	Type 5	Neut	CA	Rectal	08.6.2011	1 Y/M	
Adenovirus	Type 5	Neut	CA	Left Eye	06.6.2011	62 Y/F	
Enterovirus	Coxsackievirus Group B type 1	IF	CA	NPA	26.6.2011	1 Y/F	
Measles	Genotype D4	Seq	CA	Throat	14.6.2011	1 Y/F	
Measles		PCR	CA	Swab	29.6.2011	27 Y/M	
Measles	Genotype D4	Seq	CA	Throat	08.6.2011	14 Y/F	Measles contact
Measles		PCR	CA	Throat	29.6.2011	18 Y/M	
Measles		IgM	HB	Serum	23.6.2011	8 Y/M	Cough, pink eyes, patchy chest.
Measles	Genotype D4	Seq	CA	Throat	10.6.2011	32 Y/F	
Measles	Genotype D4	Seq	CA	Swab	12.6.2011	9 Y/F	Clinical Measles
Measles		PCR	CA	Throat	24.6.2011	14 Y/M	
Measles		PCR	CA	Throat	27.6.2011	3 Y/M	
Measles		PCR	CA	Throat	27.6.2011	3 Y/F	
Measles		PCR	CA	Urine	27.6.2011	3 Y/M	Maculopapular rash, fever
Measles		PCR	CA	Swab	24.6.2011	31 Y/F	
Measles	Genotype D4	Seq	CA	Throat	26.6.2011	4 Y/M	
Measles		PCR	CA	Throat	26.6.2011	1 Y/M	
Measles	Genotype D4	Seq	CA	Swab	24.6.2011	23 Y/F	
Measles	Genotype A, Edmonston Enders vaccine strain	Seq	CA	Throat	20.6.2011	1 Y/F	
Measles		PCR	CA	Throat	30.6.2011	15 Y/F	
Measles		PCR	CA	NPS	29.6.2011	38 Y/F	Rash, clinical measles
Measles		PCR	CA	Nasal	28.6.2011	2 Y/M	
Measles	Genotype D4	Seq	CA	Swab	24.6.2011	35 Y/F	
Mumps		IgM	CA	Serum	23.6.2011	2 Y/M	

CA: Central Auckland

HB: Hawkes Bay

Neut Neutralisation test

PCR Polymerase Chain Reaction

NPS Nasopharyngeal Swab

Seq PCR Sequencing

IF Immunofluorescence test

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](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](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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