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## VIROLOGY WEEKLY REPORT

2011/31 11 August 2011

A summary of laboratory-diagnosed viral infections of interest for the week of 01/08/2011 - 07/08/2011

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

					TOTAL
	Auckland	Waikato	Wellington	Christchurch	
Influenza A	8		1	2	11
Influenza A H1N1 swl	3			2	5
Influenza A H3N2	2		8	2	12
Influenza B	8	6	14	10	38
Metapneumovirus	8	8		3	19
Mycoplasma Pneumoniae	1	1		5	7
Parainfluenza 2				1	1
Parainfluenza 3	13	2		3	18
Parvovirus				2	2
Respiratory Syncytial Virus (RSV)	57	19	10	10	96
Rhinovirus				1	1
Rotavirus	4		3	2	9
Varicella Zoster Virus (VZV)	2	8			10
Adenovirus	6	2	1	2	11
Enterovirus				3	3
Measles	12	3	3		18

**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	27.6.2011	8M/M	
Measles		PCR	CA	Throat Swab	01.8.2011	19 Y/M	Rash
Measles		IgM	CA	Serum	29.7.2011	17 Y/F	Rash
Measles		IgM	CA	Serum	03.8.2011	2 Y/F	
Measles		PCR	CA	Throat Swab	29.7.2011	14 Y/F	
Measles		PCR	CA	Swab	29.7.2011	15 Y/F	
Measles		PCR	CA	Nasal Swab	29.7.2011	15 Y/M	
Measles		PCR	CA	Nasal swab	31.7.2011	49 Y/F	
Measles		PCR	CA	Throat Swab	03.8.2011	13 Y/F	
Measles		PCR	CA	Throat Swab	03.8.2011	4 Y/F	
Measles		PCR	CA	Throat Swab	03.8.2011	15 Y/F	
Measles		PCR	CA	Nasal	04.8.2011	1 Y/F	
Measles		PCR	WK	NPS	28.7.2011	14 Y/F	
Measles		PCR	WK	NPS	29.7.2011	13 Y/F	
Measles		PCR	WK	Throat	29.7.2011	13 Y/F	
Measles	Genotype D4	Seq	WK	Throat swab	27.7.2011	13 Y/M	
Measles	Genotype D4	Seq	WK	NPS	27.7.2011	13 Y/F	
Measles	Genotype D4	Seq	WK	Swab	30.7.2011	17 Y/F	
Measles	Genotype D4	Seq	WK	Throat	28.7.2011	17 Y/M	
Measles	Genotype D4	Seq	WK	NPS	29.7.2011	13 Y/M	
Measles	Genotype D4	Seq	WK	NPS	27.7.2011	16 Y/F	
Measles		PCR	CA	Swab	29.7.2011	1 Y/F	

CA: Central Auckland

WK: Waikato

PCR Polymerase Chain Reaction  
 NPS Nasopharyngeal Swab  
 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](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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