



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2006/31 09 August 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 31/07/2006 - 06/08/2006

## VIRAL AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	17	8	10	1	51	5	92
Influenza B				1			1
Mycoplasma Pneumoniae				1	8		9
Parainfluenza 1					1		1
Respiratory Syncytial Virus (RSV)	13	25		4	12		54
Rhinovirus	1						1
Rotavirus	13	2		1	6		22
Varicella Zoster Virus (VZV)	1	3			10	1	15
Adenovirus	2				1	1	4
Enterovirus	1			1			2

In July 2006, Middlemore Hospital reported 37 Rotavirus, 29 Respiratory Syncytial Virus, and 14 Influenza A infections.

## VIRUS ISOLATIONS AND IDENTIFICATIONS WITH DETAILS

Virus	Type/subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/sex	Clinical data
Adenovirus	Type 1	IF,Neut	CA	NPA	13.7.2006	7M/M	Respiratory Illness
Adenovirus	Type 1	Neut	CB	Faeces	01.7.2006	11 M/F	
Adenovirus	Type 2	IF,Neut	NW	NPA	26.7.2006	3M/M	Respiratory Illness
Adenovirus	Type 2	IF,Neut	CA	Throat Swab	12.7.2006	7M/F	Respiratory Illness
Adenovirus	Type 3	Neut	CB	Not specified	05.7.2006	19 Y/F	
Adenovirus	Type 4	IF,Neut	NW	Eye Swab	09.7.2006	35Y/M	Conjunctivitis
Adenovirus	Type 4	IF,Neut	CA	Eye Swab	17.7.2006	29Y/F	Unknown
Adenovirus	Type 8	Neut	CA	Eye swab	23.6.2006	32 Y/M	Unknown
Enterovirus	Coxsackievirus Group A type 16	IF, Neut	WN	Not specified	04.7.2006	36 Y/F	Palmo-plantar vesicular rash

CA: Central Auckland

CB: Canterbury

NW: North West Auckland

WN: Wellington

Neut Neutralisation test  
 PCR Polymerase Chain Reaction (DNA)  
 RT-PCR Polymerase Chain Reaction (RNA)  
 IgM Positive IgM ELISA  
 IgG IgG seroconversion  
 ITD Intratypic differentiation

IF Immunofluorescence test  
 NPA Nasopharyngeal Aspirate  
 NPS Nasopharyngeal Swab  
 HAI Haemagglutination Inhibition test  
 CFT Complement Fixation Test  
 CSF Cerebrospinal Fluid

NOTE: During April to September 2006, 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).

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

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