



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2006/25 28 June 2006

A summary of laboratory-diagnosed viral infections of interest for the week of 19/06/2006 - 25/06/2006

## VIROLOGY AND MYCOPLASMA INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A	5	28	4	1	4		42
Mycoplasma Pneumoniae					3		3
Parainfluenza 1	5				2		7
Respiratory Syncytial Virus (RSV)	8	4		2	9		23
Rhinovirus		1					1
Rotavirus	1	1			1		3
Varicella Zoster Virus (VZV)	2	2			7	1	12
Enterovirus	1	1	1		2		5

In March 2006, Middlemore hospital reported 1 Adenovirus 40/41, 3 Rotavirus and 1 Respiratory Syncytial Virus (RSV) infections. In April 2006, they reported 2 Adenovirus 40/41, and 2 Rotavirus infections. In May 2006, they reported 14 Adenovirus 40/41, 6 Rotavirus, and 2 Respiratory Syncytial Virus (RSV) infections.

## VIROLOGY ISOLATIONS AND IDENTIFICATIONS WITH DETAILS

Virus	Type/subtype	ID Method	Health district	Specimen Type/site	Date Specimen taken	Age/sex	Clinical data
Adenovirus	Type 19	Neut	CB	Eye swab	23.5.2006	33 Y/F	
Adenovirus	Type 2	IF,Neut	CA	NPA	26.5.2006	11M/F	Respiratory Illness
Adenovirus	Type 2	IF,Neut	CA	NPA	23.5.2006	21M/F	Unknown
Adenovirus	Type 4	IF,Neut	CA	Eye Swab	28.5.2006	41Y/M	Red Eye
Enterovirus	Echovirus type 3	IF, Neut, PCR	WK	Throat swab	07.4.2006	1 Y/F	? RSV
Enterovirus	Echovirus type 7	IF, Neut, PCR	WK	CSF	08.5.2006	14 Y/M	
Enterovirus	Echovirus type 7	IF, Neut, PCR	WK	Faeces, CSF	17.5.2006	32 Y/F	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

WK: Waikato

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).

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

Edited by: Judy Bocacao and Lisa Van Duin, Virology, Communicable Disease Group

**Institute of Environmental Science & Research Limited**  
 Kenepuru Science Centre  
 Kenepuru Drive, PO Box 50-348, Porirua, New Zealand  
 Telephone: +64 4 914 0700, Facsimile: +64 4 014 0770

**A CROWN RESEARCH  
 INSTITUTE**