



SSN: 1173-1680



# VIROLOGY WEEKLY REPORT

2005/23 15 June 2005

A summary of laboratory-diagnosed viral infections of interest for the week of 06/06/2005 - 12/06/2005

## VIRAL INFECTIONS REPORTED THIS WEEK

	Virus Laboratory						TOTAL
	Auckland	Waikato	ESR	Wellington	Christchurch	Dunedin	
Influenza A					1		1
Influenza B	24	15	3		8		50
Mycoplasma Pneumoniae		1		4	5	1	11
Parainfluenza 2					2		2
Parainfluenza 3	3						3
Respiratory Syncytial Virus (RSV)	5	1			10		16
Rotavirus					1		1
Varicella Zoster Virus (VZV)	6	2			10		18
Adenovirus	2	1					3
Enterovirus	3		2		1		6

In April, Middlemore hospital reported 3 Respiratory Syncytial Virus (RSV) and 1 Rotavirus infection, while in May they reported 1 Respiratory Syncytial Virus (RSV), 1 Rotavirus, and 2 Adenovirus 40/41 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 3	Neut	CB	NPS	25.5.2005	3Y/M	
Adenovirus	Type 3	Neut	CB	NPS	23.5.2005	2Y/F	Fever
Adenovirus	Type 3	IF,Neut	SA	NPA	15.5.2005	2M/M	Respiratory Illness
Enterovirus	Coxsackievirus Group B type 1	IF, Neut	CB	Nasal swab	03.5.2005	1 Y/M	Febrile
Enterovirus	Coxsackievirus Group B type 3	IF	CA	Throat Swab	25.3.2005	4W/M	? Enterovirus
Enterovirus	Echovirus type 30	IF, Neut	CB	Throat swab	05.4.2005	9 Y/F	

CA: Central Auckland

CB: Canterbury

SA: South Auckland

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 2005, 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.

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